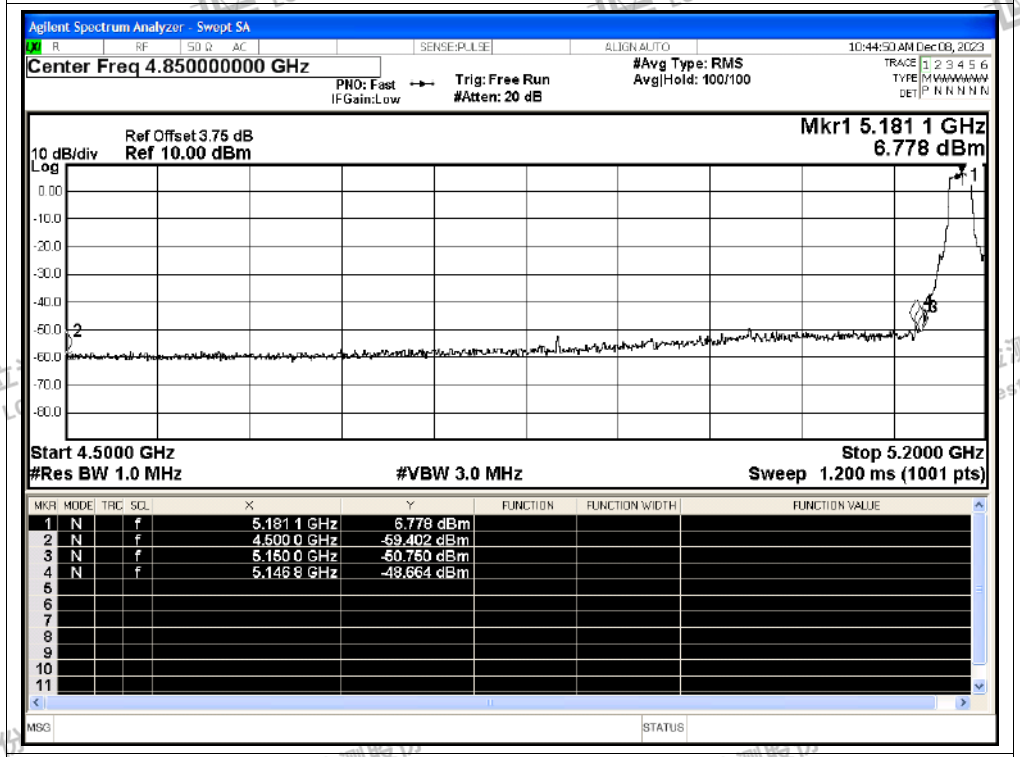
NVNT	ac20-mimo	5180	4500	-66.7	4.65	33.18	Average	54	Pass
NVNT	ac20-mimo	5180	5020.8	-49.96	4.65	49.92	Peak	68.2	Pass
NVNT	ac20-mimo	5180	5020.1	-55.68	4.65	44.20	Average	54	Pass
NVNT	ac20-mimo	5180	5150	-52.86	4.65	47.02	Peak	68.2	Pass
NVNT	ac20-mimo	5180	5150	-58.55	4.65	41.33	Average	54	Pass
NVNT	ac20-mimo	5240	5350	-56.38	4.65	43.50	Peak	68.2	Pass
NVNT	ac20-mimo	5240	5350	-62.84	4.65	37.04	Average	54	Pass
NVNT	ac20-mimo	5240	5371.68	-53.93	4.65	45.95	Peak	68.2	Pass
NVNT	ac20-mimo	5240	5400	-59.01	4.65	40.87	Average	54	Pass
NVNT	ac20-mimo	5240	5460	-55.8	4.65	44.08	Peak	68.2	Pass
NVNT	ac20-mimo	5240	5460	-64.38	4.65	35.50	Average	54	Pass
NVNT	ac40-mimo	5190	4500	-57.83	4.65	42.05	Peak	68.2	Pass
NVNT	ac40-mimo	5190	4500	-66.64	4.65	33.24	Average	54	Pass
NVNT	ac40-mimo	5190	5148.24	-49.23	4.65	50.65	Peak	68.2	Pass
NVNT	ac40-mimo	5190	5029.98	-55.62	4.65	44.26	Average	54	Pass
NVNT	ac40-mimo	5190	5150	-50.1	4.65	49.78	Peak	68.2	Pass
NVNT	ac40-mimo	5190	5150	-56.33	4.65	43.55	Average	54	Pass
NVNT	ac40-mimo	5230	5350	-56.22	4.65	43.66	Peak	68.2	Pass
NVNT	ac40-mimo	5230	5350	-61.51	4.65	38.37	Average	54	Pass
NVNT	ac40-mimo	5230	5354.43	-53.43	4.65	46.45	Peak	68.2	Pass
NVNT	ac40-mimo	5230	5390.07	-58.88	4.65	41.00	Average	54	Pass
NVNT	ac40-mimo	5230	5460	-58.16	4.65	41.72	Peak	68.2	Pass
NVNT	ac40-mimo	5230	5460	-63.5	4.65	36.38	Average	54	Pass
NVNT	ac80-mimo	5210	5350	-47.62	4.65	52.26	Peak	68.2	Pass
NVNT	ac80-mimo	5210	5350	-54.87	4.65	45.01	Average	54	Pass
NVNT	ac80-mimo	5210	5420.73	-46.24	4.65	53.64	Peak	68.2	Pass
NVNT	ac80-mimo	5210	5369.91	-53.87	4.65	46.01	Average	54	Pass
NVNT	ac80-mimo	5210	5460	-50.04	4.65	49.84	Peak	68.2	Pass
NVNT	ac80-mimo	5210	5460	-55.13	4.65	44.75	Average	54	Pass
NVNT	ac80-mimo	5210	4500	-60.21	4.65	39.67	Peak	68.2	Pass
NVNT	ac80-mimo	5210	4500	-66.17	4.65	33.71	Average	54	Pass
NVNT	ac80-mimo	5210	5139.11	-45.94	4.65	53.94	Peak	68.2	Pass
NVNT	ac80-mimo	5210	5149.38	-50.46	4.65	49.42	Average	54	Pass
NVNT	ac80-mimo	5210	5150	-44.84	4.65	55.04	Peak	68.2	Pass
NVNT	ac80-mimo	5210	5150	-50.22	4.65	49.66	Average	54	Pass
NVNT	ax20-mimo	5180	4500	-60.6	4.65	39.28	Peak	68.2	Pass
NVNT	ax20-mimo	5180	4500	-66.91	4.65	32.97	Average	54	Pass
NVNT	ax20-mimo	5180	5140.5	-50.28	4.65	49.60	Peak	68.2	Pass
NVNT	ax20-mimo	5180	5020.1	-56.01	4.65	43.87	Average	54	Pass
NVNT	ax20-mimo	5180	5150	-50.59	4.65	49.29	Peak	68.2	Pass
NVNT	ax20-mimo	5180	5150	-58.43	4.65	41.45	Average	54	Pass

NVNT	ax20-mimo	5240	5350	-55.81	4.65	44.07	Peak	68.2	Pass
NVNT	ax20-mimo	5240	5350	-62.64	4.65	37.24	Average	54	Pass
NVNT	ax20-mimo	5240	5426.4	-53.78	4.65	46.10	Peak	68.2	Pass
NVNT	ax20-mimo	5240	5400	-59.13	4.65	40.75	Average	54	Pass
NVNT	ax20-mimo	5240	5460	-58.97	4.65	40.91	Peak	68.2	Pass
NVNT	ax20-mimo	5240	5460	-64.27	4.65	35.61	Average	54	Pass
NVNT	ax40-mimo	5190	4500	-58.93	4.65	40.95	Peak	68.2	Pass
NVNT	ax40-mimo	5190	4500	-66.66	4.65	33.22	Average	54	Pass
NVNT	ax40-mimo	5190	5145.32	-49.39	4.65	50.49	Peak	68.2	Pass
NVNT	ax40-mimo	5190	5029.98	-56.07	4.65	43.81	Average	54	Pass
NVNT	ax40-mimo	5190	5150	-50.48	4.65	49.40	Peak	68.2	Pass
NVNT	ax40-mimo	5190	5150	-56.62	4.65	43.26	Average	54	Pass
NVNT	ax40-mimo	5230	5350	-55	4.65	44.88	Peak	68.2	Pass
NVNT	ax40-mimo	5230	5350	-61.89	4.65	37.99	Average	54	Pass
NVNT	ax40-mimo	5230	5388.72	-52.84	4.65	47.04	Peak	68.2	Pass
NVNT	ax40-mimo	5230	5390.07	-59.31	4.65	40.57	Average	54	Pass
NVNT	ax40-mimo	5230	5460	-57.17	4.65	42.71	Peak	68.2	Pass
NVNT	ax40-mimo	5230	5460	-63.84	4.65	36.04	Average	54	Pass
NVNT	ax80-mimo	5210	5350	-55.57	4.65	44.31	Peak	68.2	Pass
NVNT	ax80-mimo	5210	5350	-61.98	4.65	37.90	Average	54	Pass
NVNT	ax80-mimo	5210	5370.24	-52.51	4.65	47.37	Peak	68.2	Pass
NVNT	ax80-mimo	5210	5369.91	-58.61	4.65	41.27	Average	54	Pass
NVNT	ax80-mimo	5210	5460	-57.97	4.65	41.91	Peak	68.2	Pass
NVNT	ax80-mimo	5210	5460	-63.46	4.65	36.42	Average	54	Pass
NVNT	ax80-mimo	5210	4500	-58.62	4.65	41.26	Peak	68.2	Pass
NVNT	ax80-mimo	5210	4500	-66.89	4.65	32.99	Average	54	Pass
NVNT	ax80-mimo	5210	5149.38	-44.39	4.65	55.49	Peak	68.2	Pass
NVNT	ax80-mimo	5210	5149.38	-50.4	4.65	49.48	Average	54	Pass
NVNT	ax80-mimo	5210	5150	-44.33	4.65	55.55	Peak	68.2	Pass
NVNT	ax80-mimo	5210	5150	-50.47	4.65	49.41	Average	54	Pass

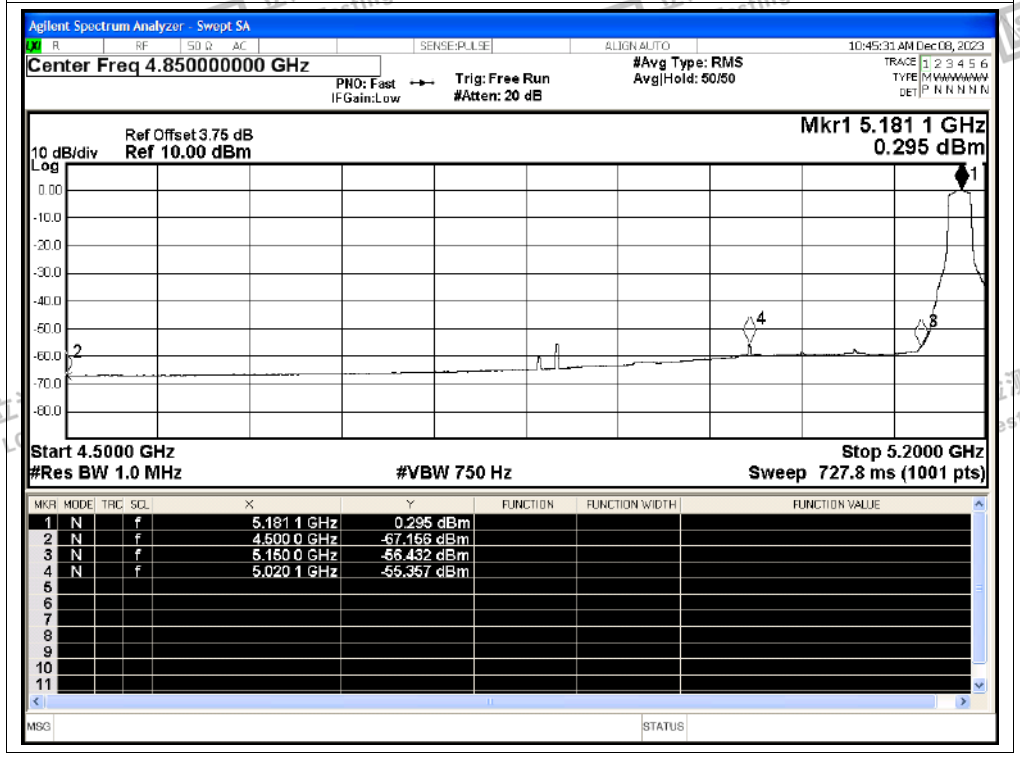
Note：IEEE 802.11a mode, only show the worst set of antenna data. (Antenna 0)

Test Graphs

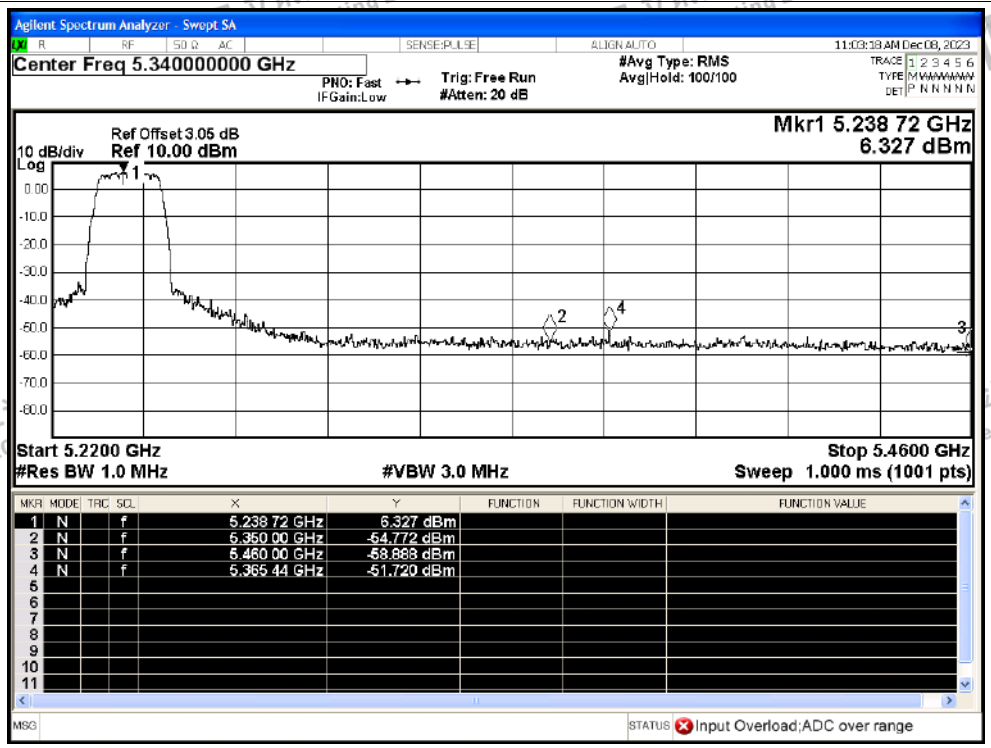
Restrict Band NVNT a 5180MHz Ant0 Peak



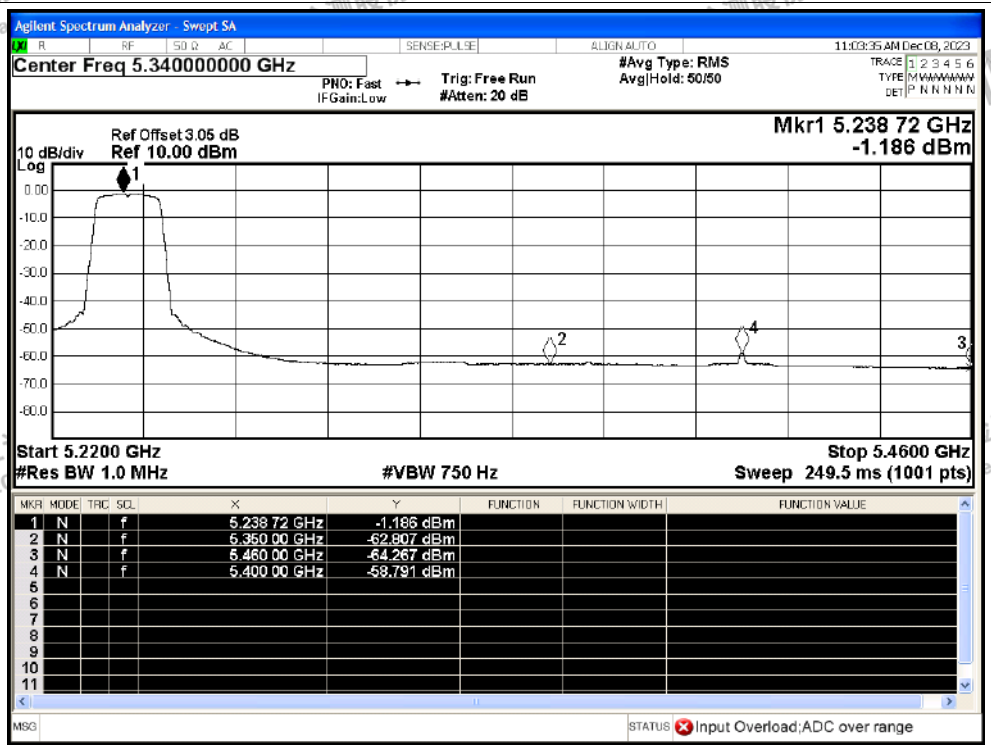
Restrict Band NVNT a 5180MHz Ant0 Average



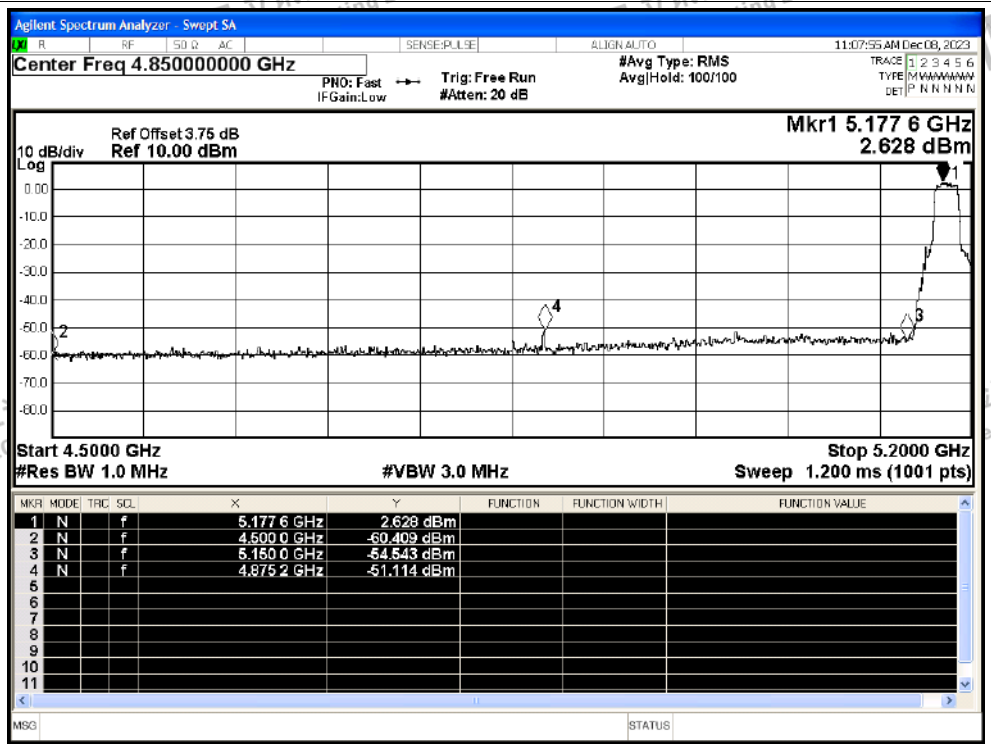
Restrict Band NVNT a 5240MHz Ant0 Peak



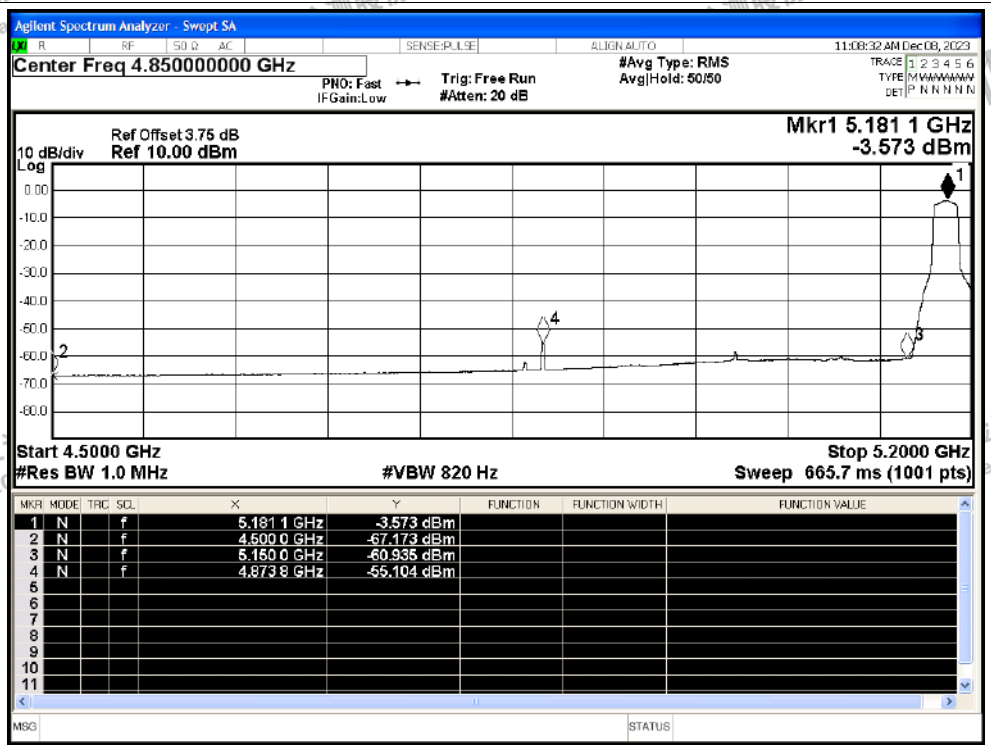
Restrict Band NVNT a 5240MHz Ant0 Average



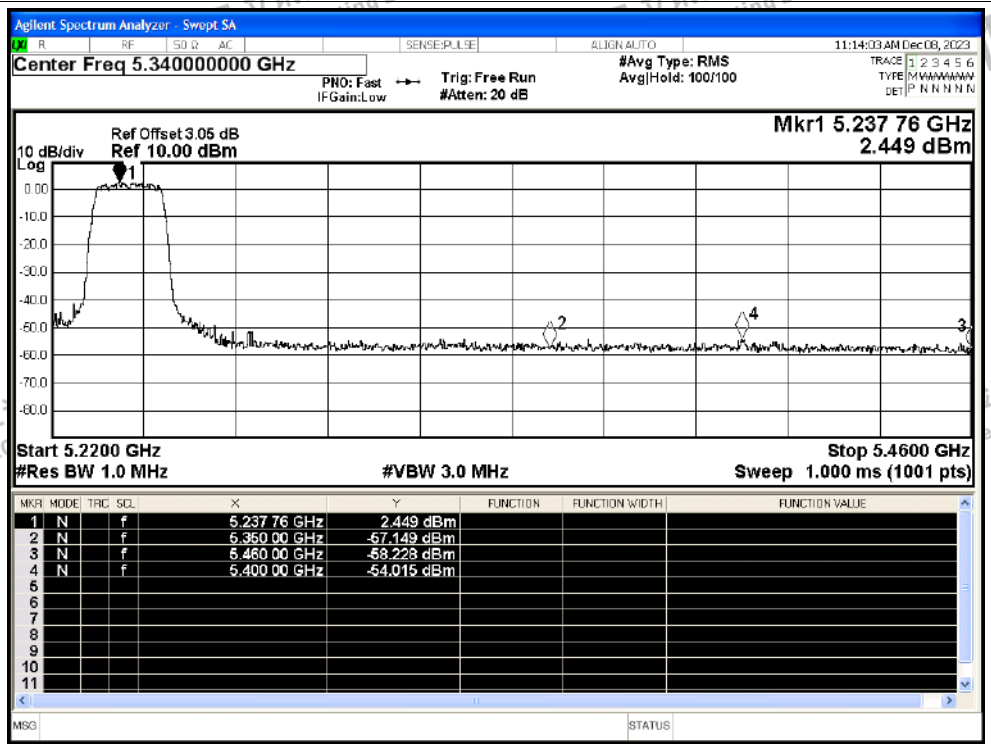
Restrict Band NVNT n20 mimo 5180MHz Peak



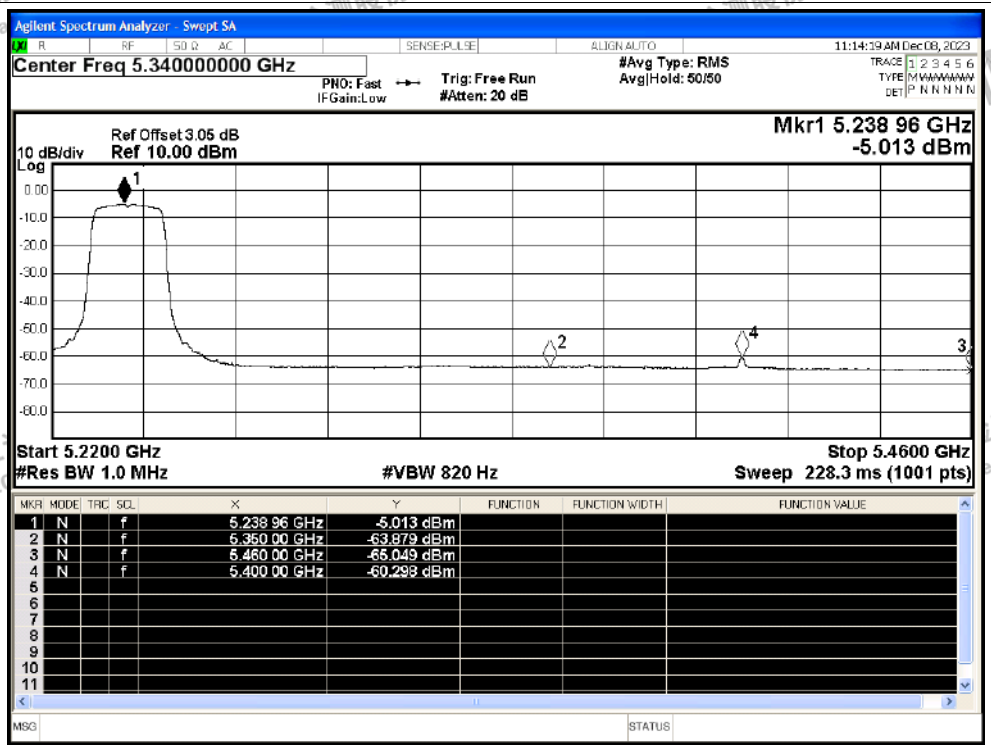
Restrict Band NVNT n20 mimo 5180MHz Average



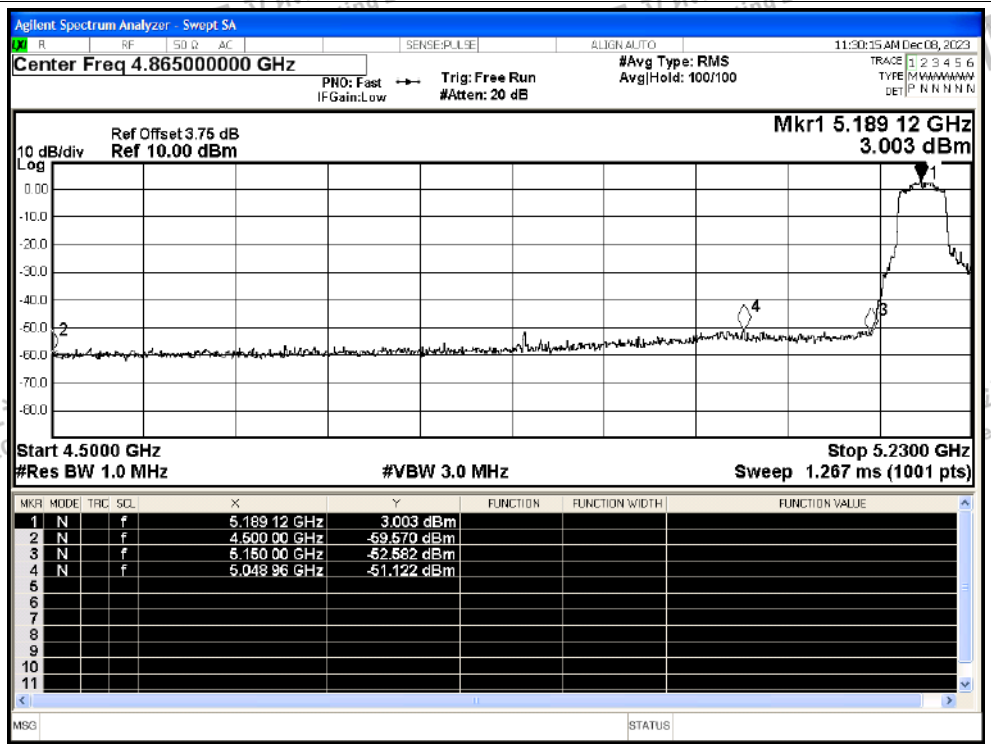
Restrict Band NVNT n20 mimo 5240MHz Peak



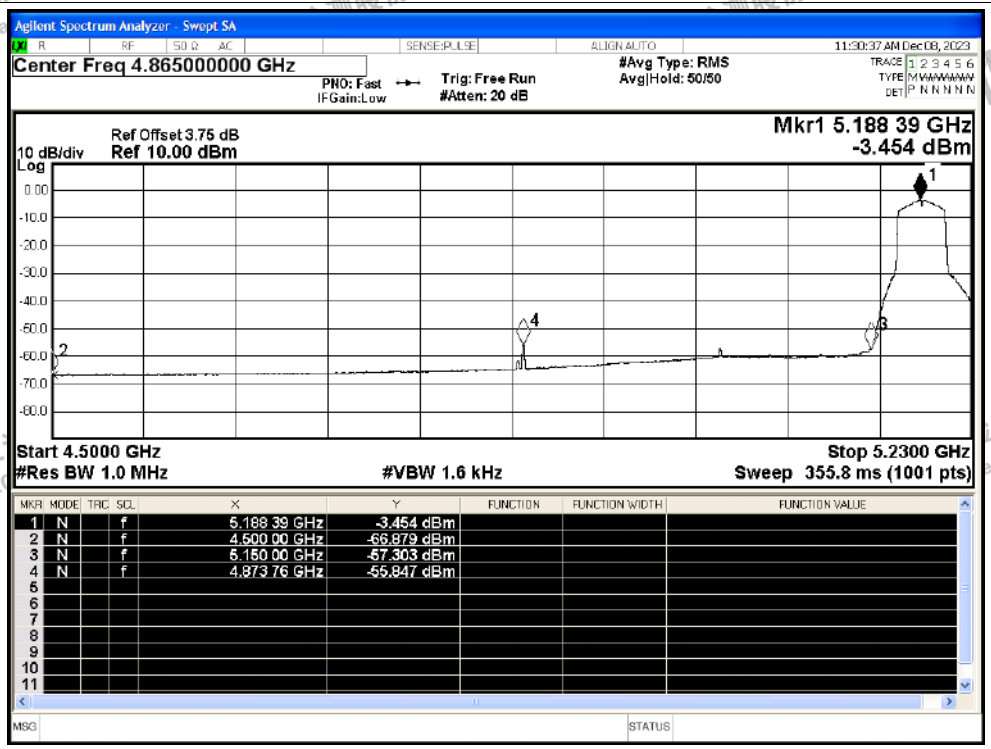
Restrict Band NVNT n20 mimo 5240MHz Average



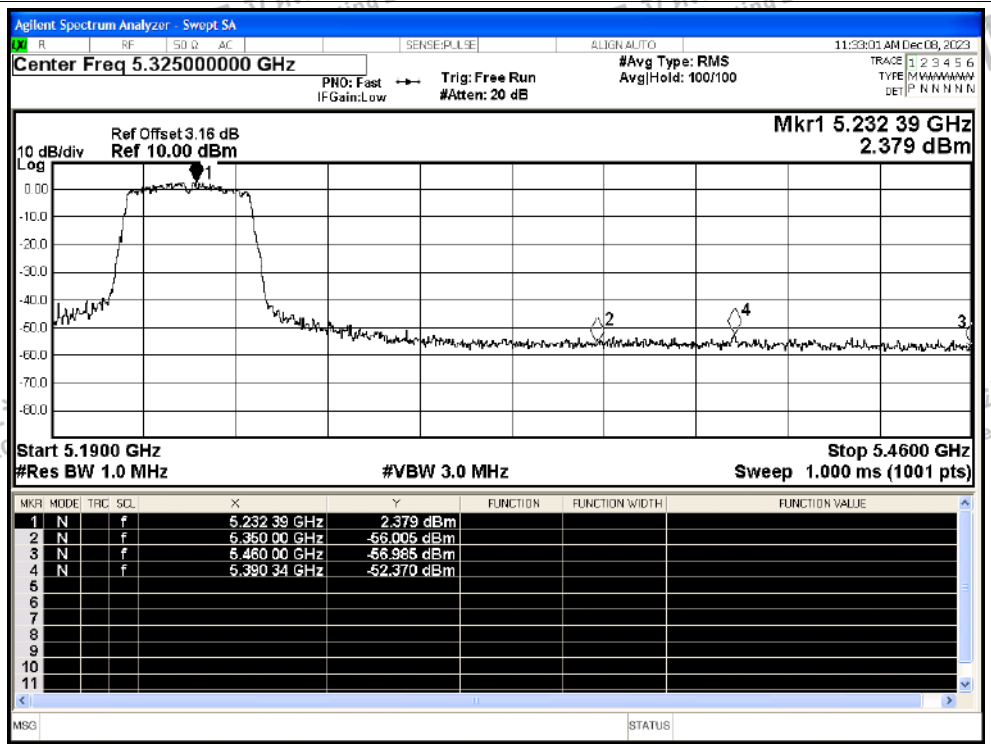
Restrict Band NVNT n40 mimo 5190MHz Peak



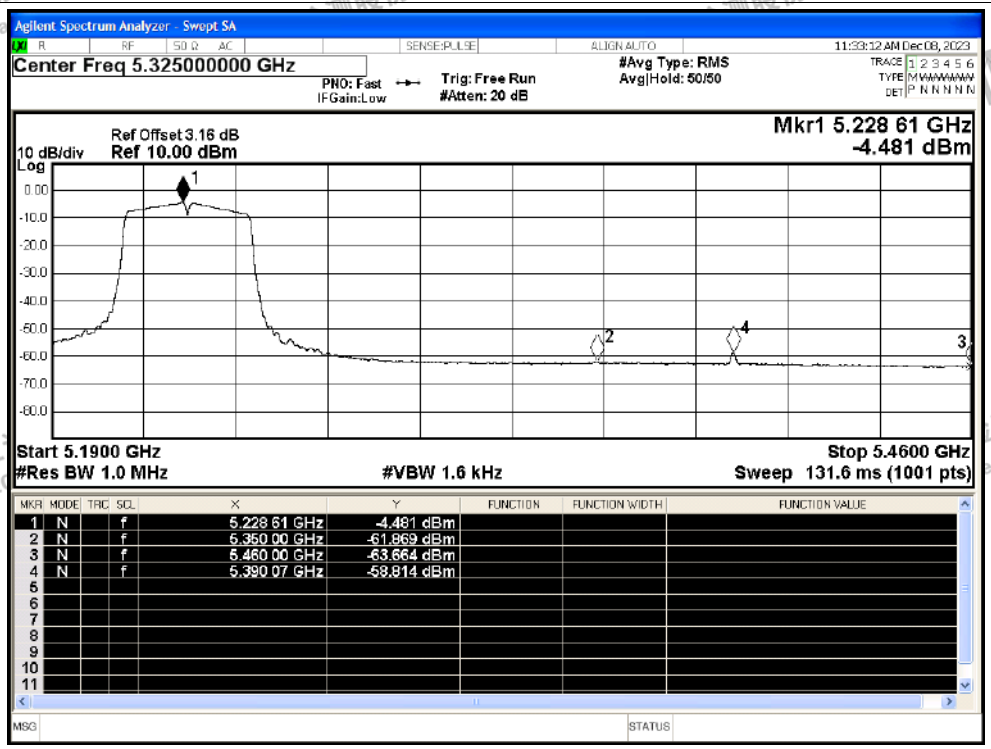
Restrict Band NVNT n40 mimo 5190MHz Average



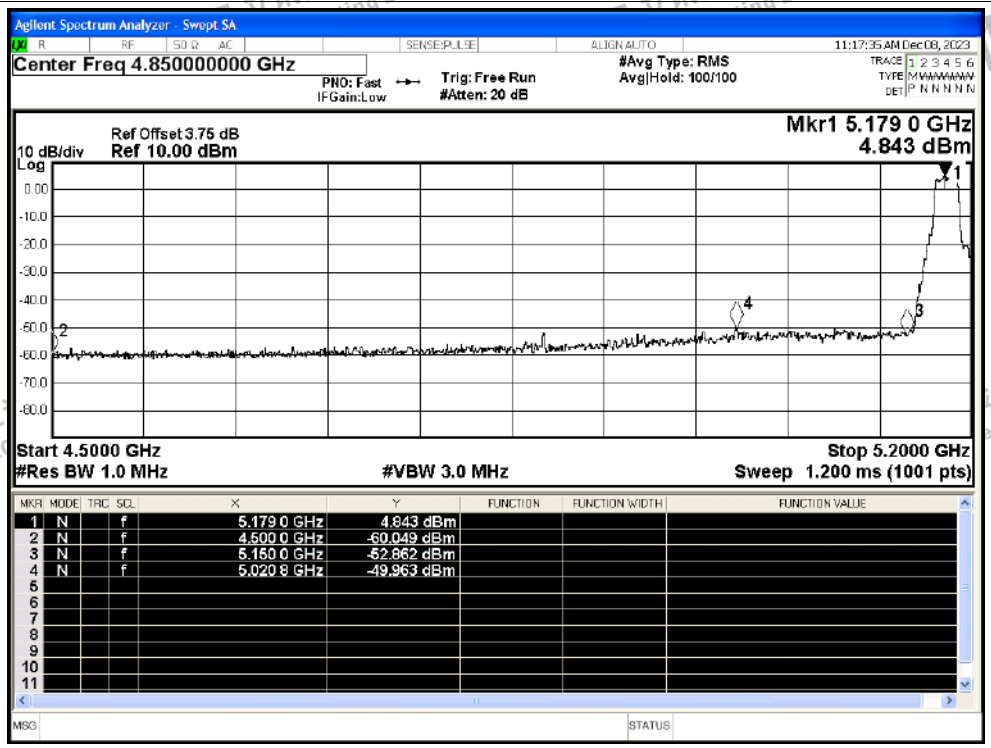
Restrict Band NVNT n40 mimo 5230MHz Peak



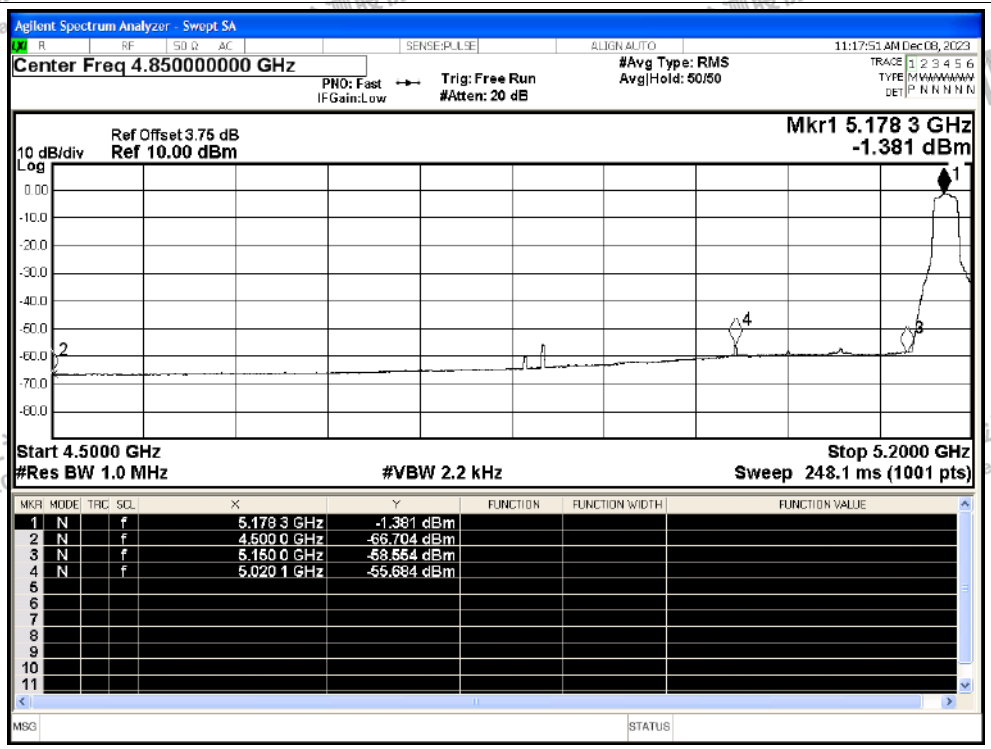
Restrict Band NVNT n40 mimo 5230MHz Average



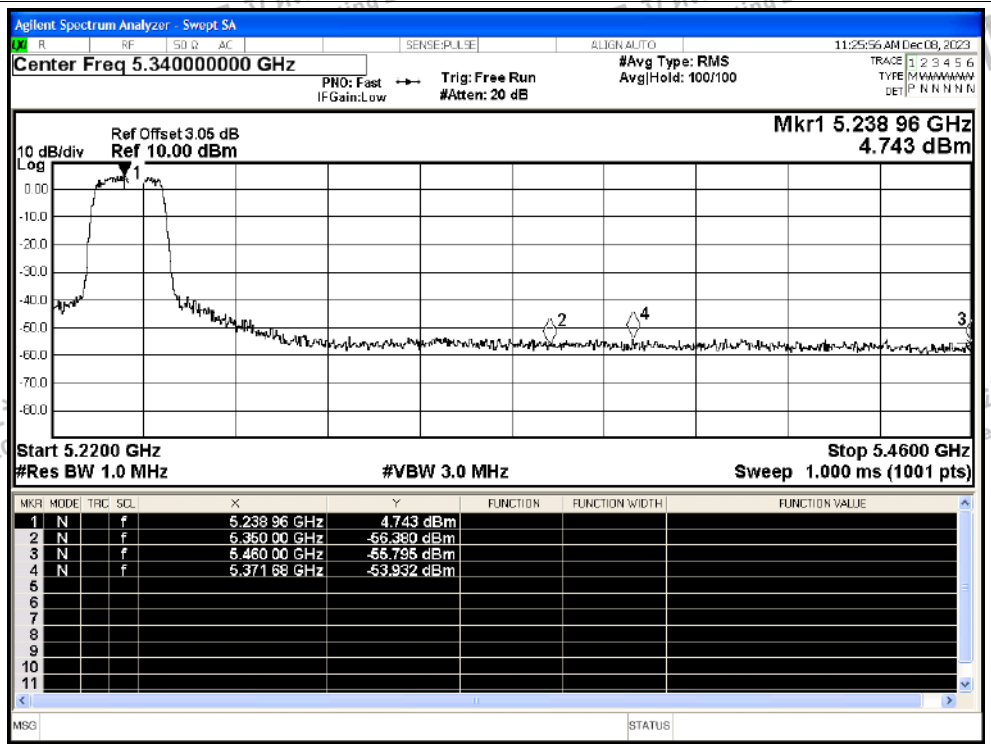
Restrict Band NVNT ac20 mimo 5180MHz Peak



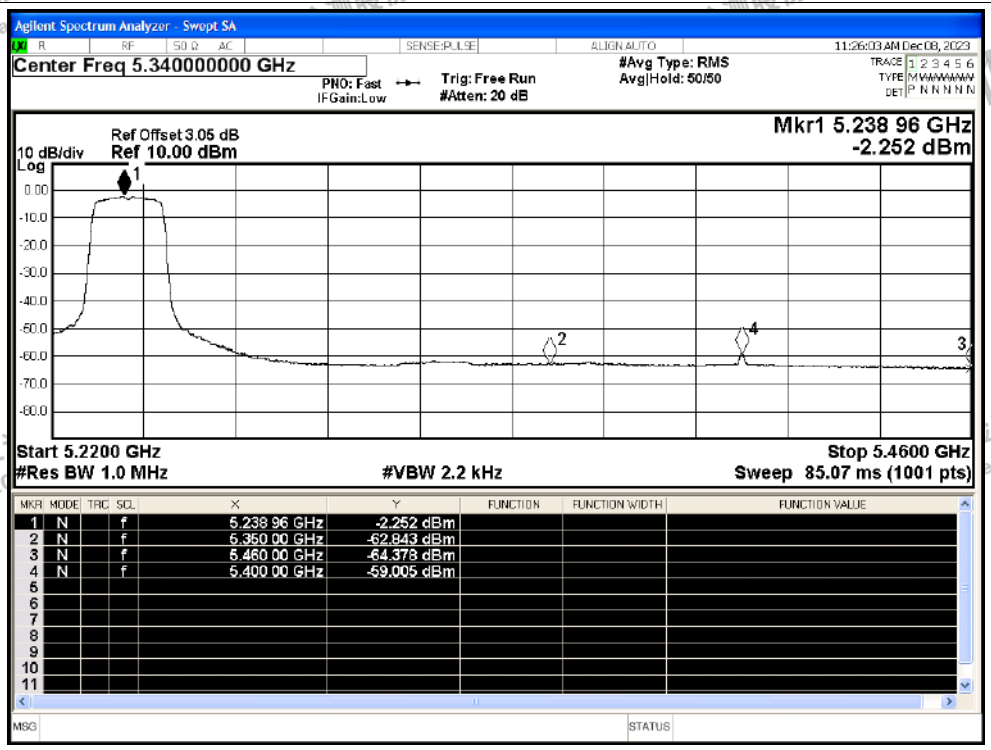
Restrict Band NVNT ac20 mimo 5180MHz Average



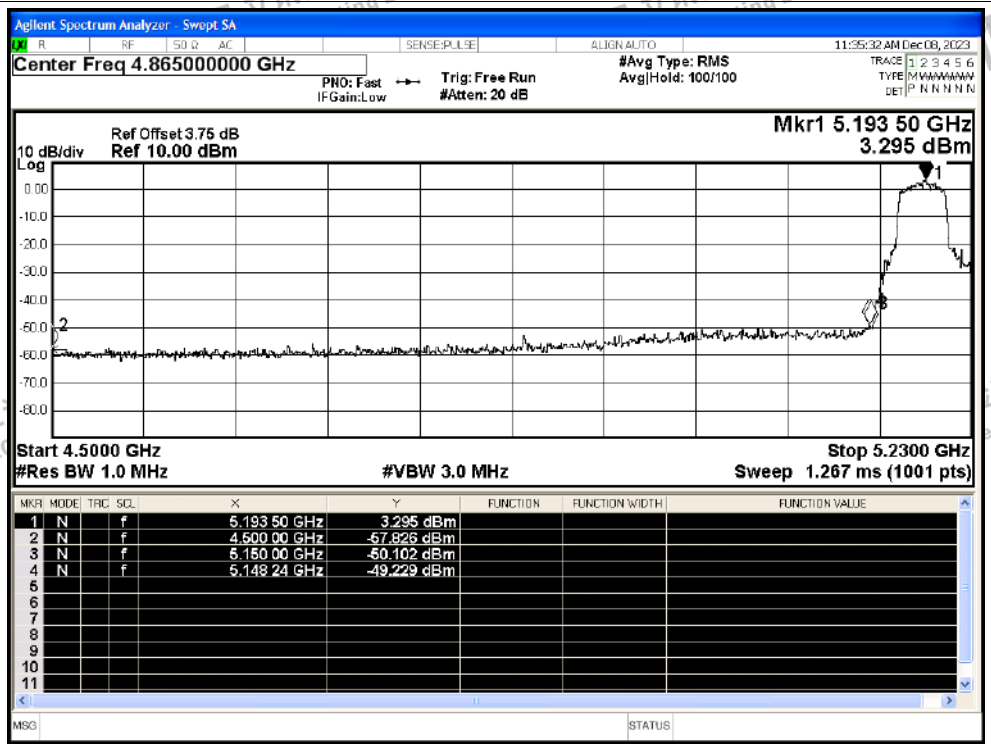
Restrict Band NVNT ac20 mimo 5240MHz Peak



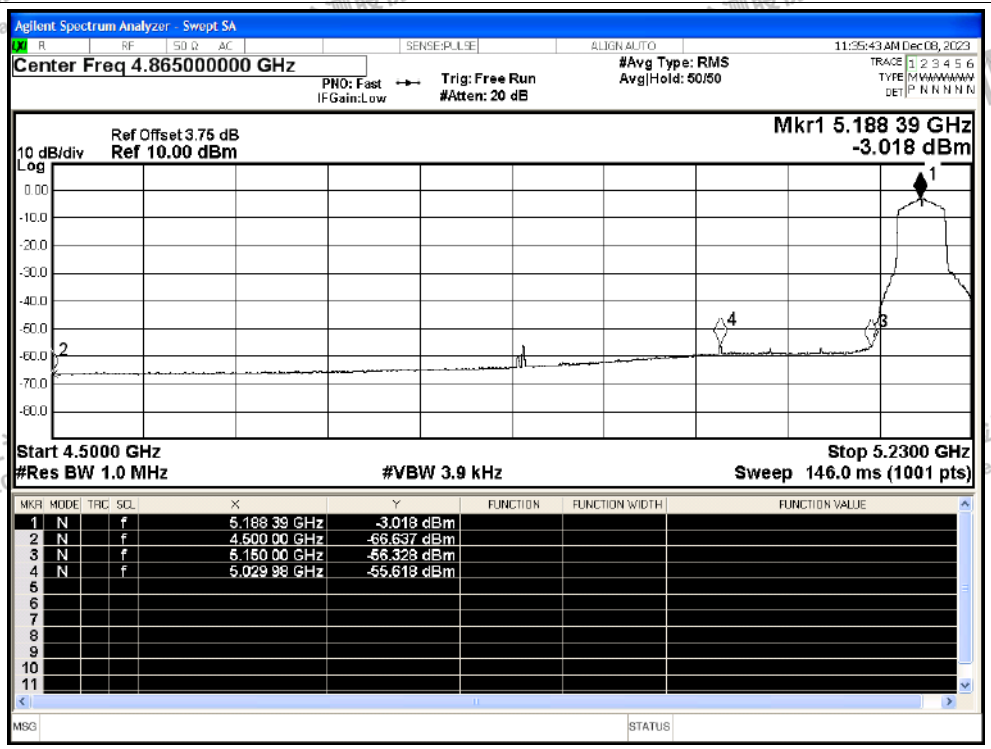
Restrict Band NVNT ac20 mimo 5240MHz Average



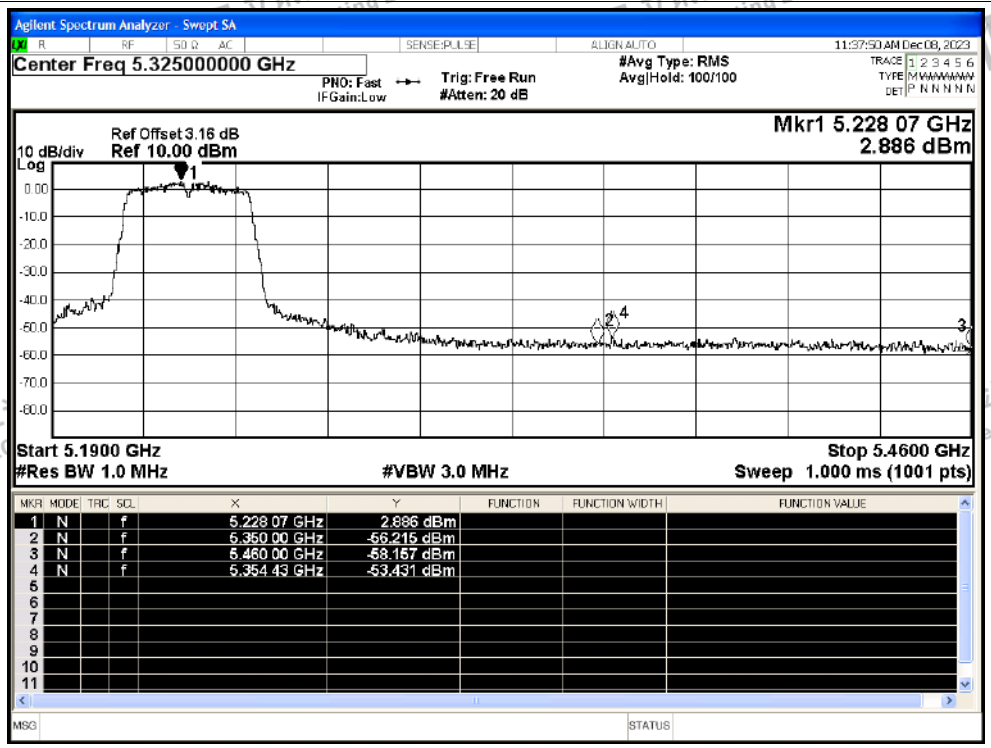
Restrict Band NVNT ac40 mimo 5190MHz Peak



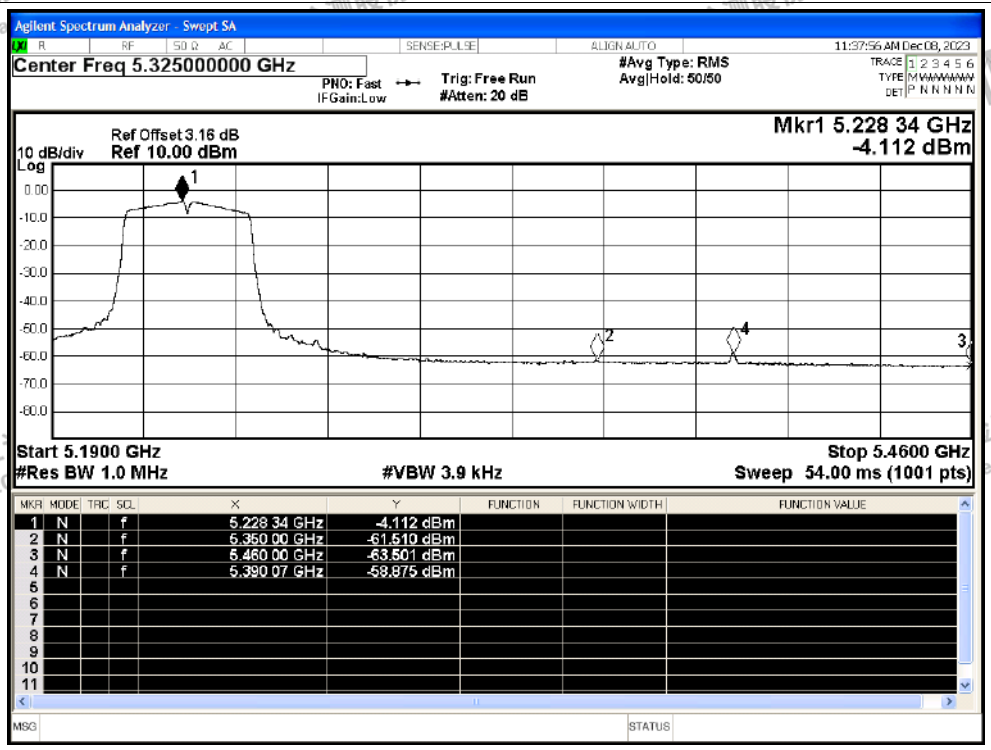
Restrict Band NVNT ac40 mimo 5190MHz Average



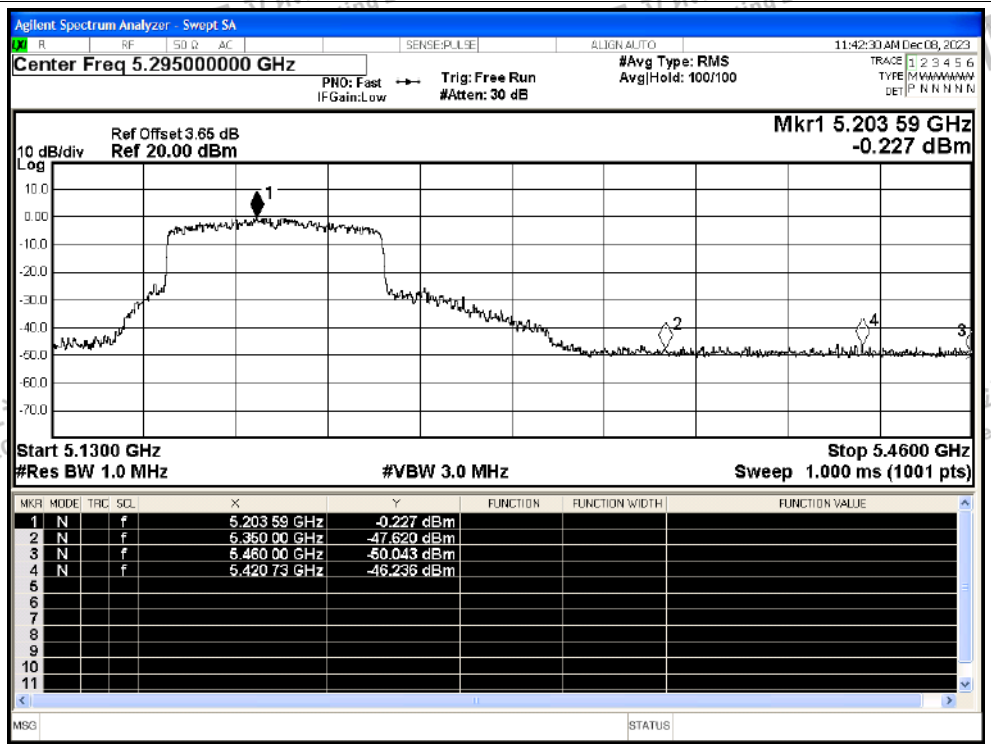
Restrict Band NVNT ac40 mimo 5230MHz Peak



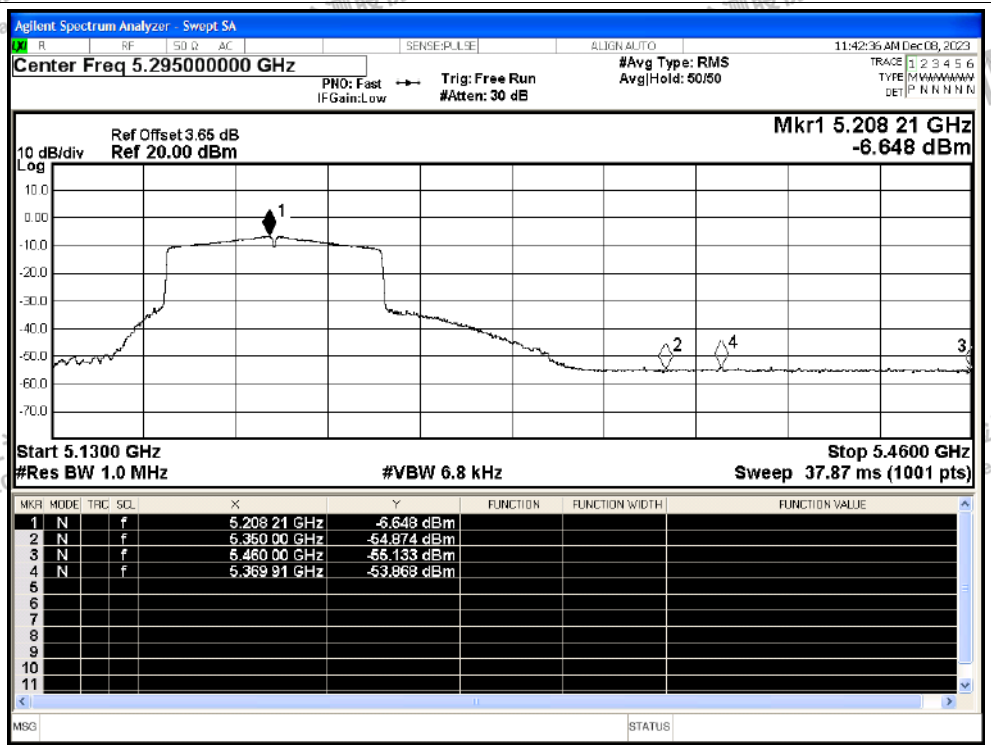
Restrict Band NVNT ac40 mimo 5230MHz Average



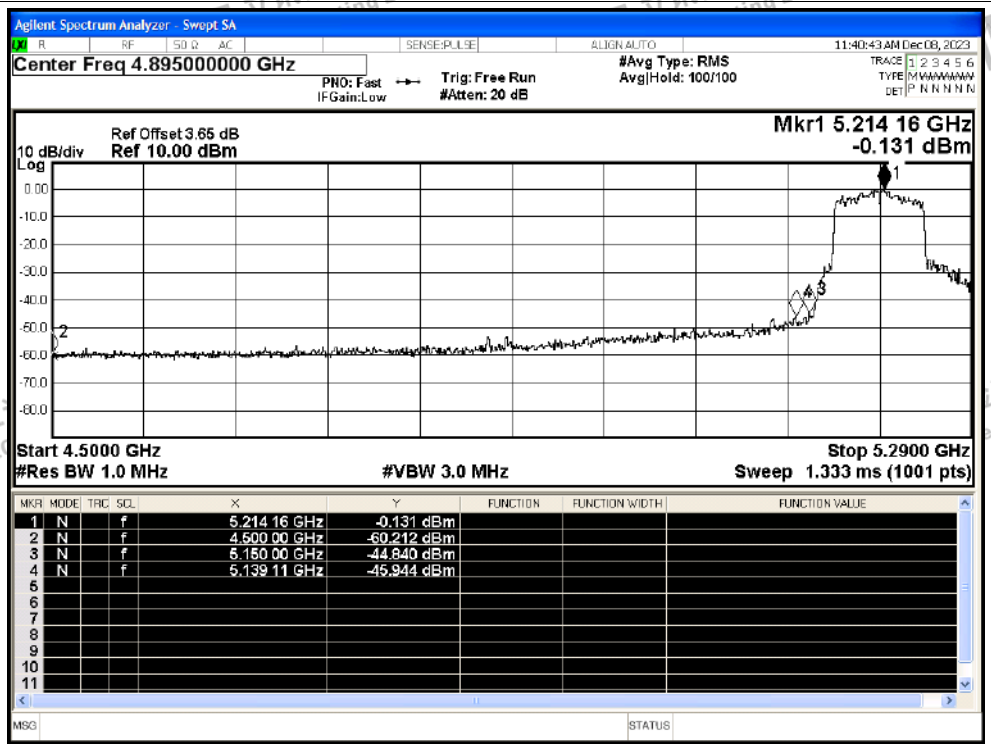
Restrict Band NVNT ac80 mimo 5210MHz Peak



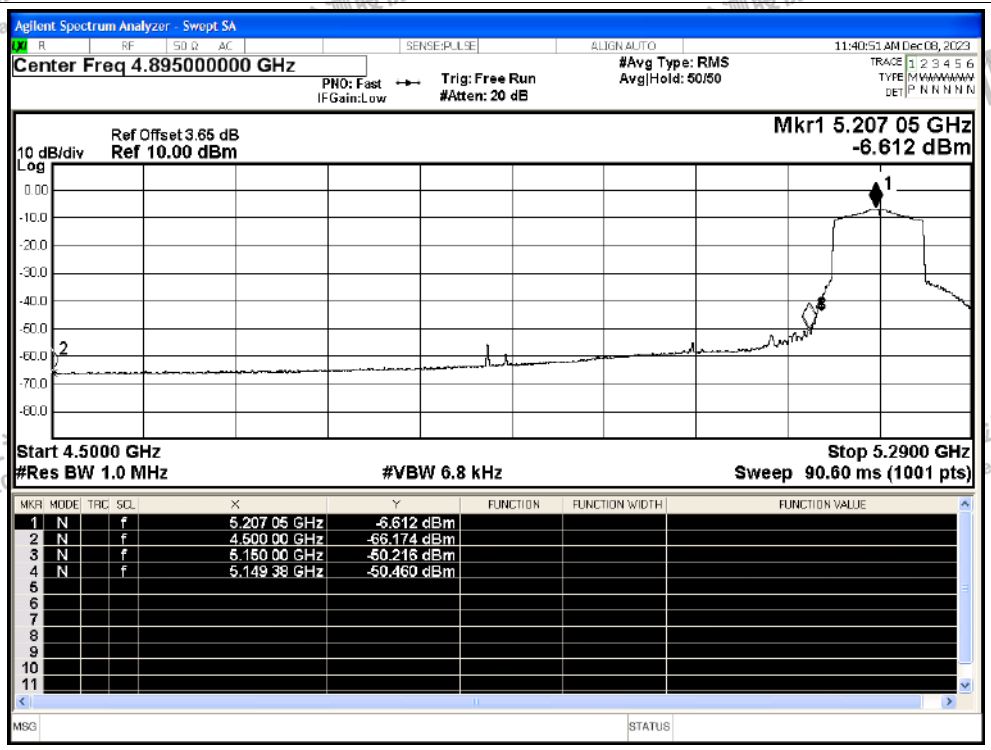
Restrict Band NVNT ac80 mimo 5210MHz Average



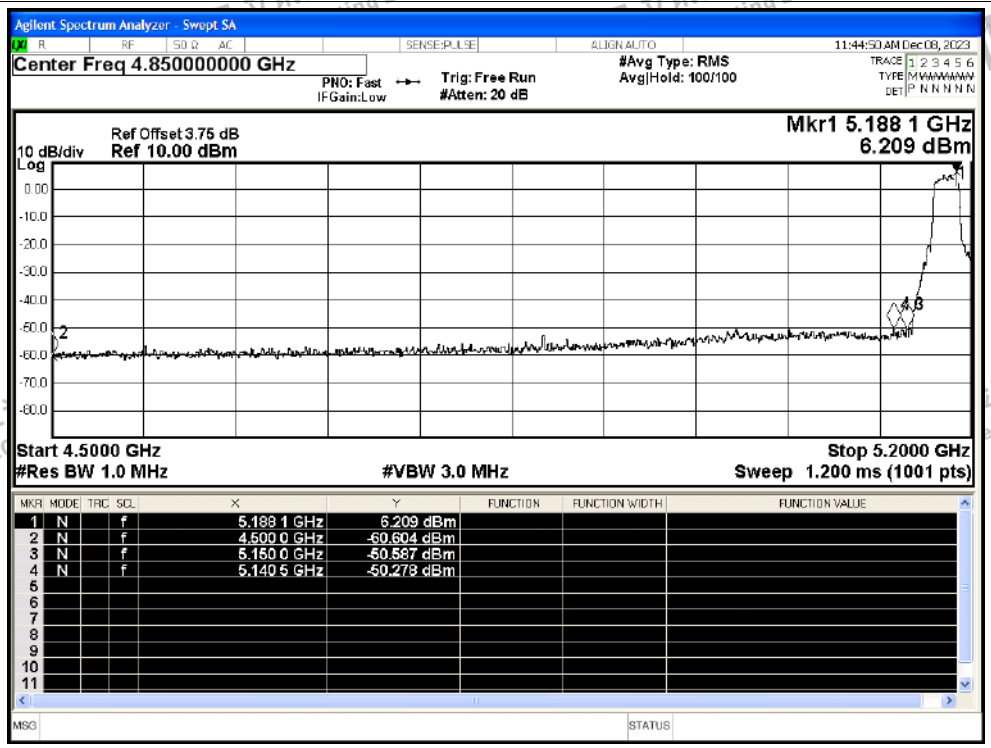
Restrict Band NVNT ac80 mimo 5210MHz Peak



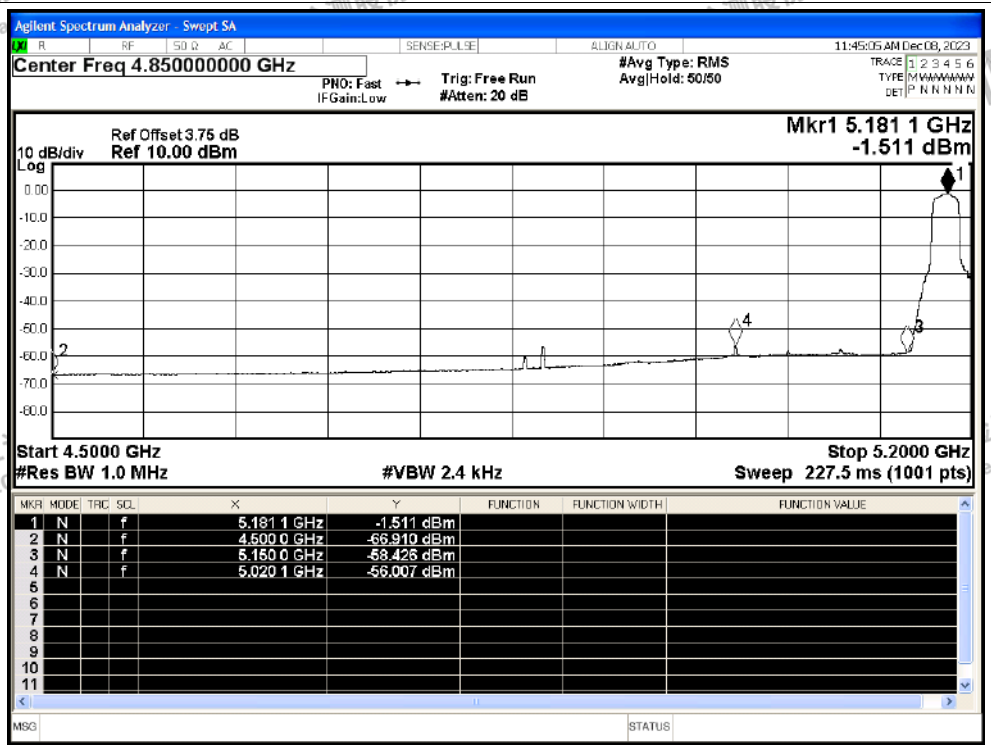
Restrict Band NVNT ac80 mimo 5210MHz Average



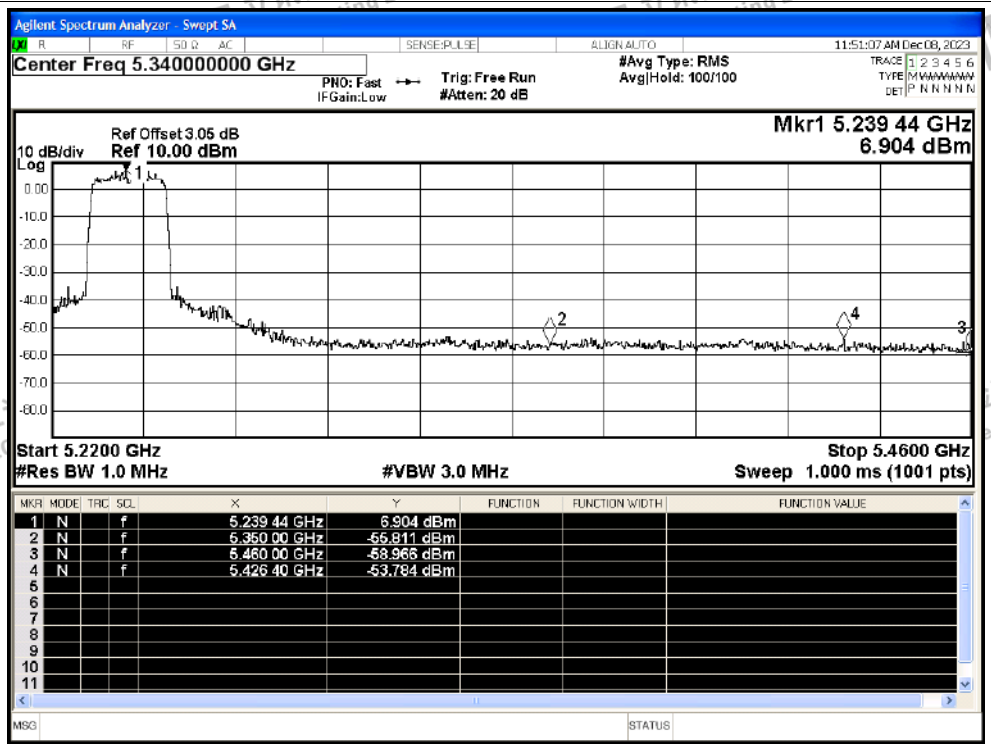
Restrict Band NVNT ax20 mimo 5180MHz Peak



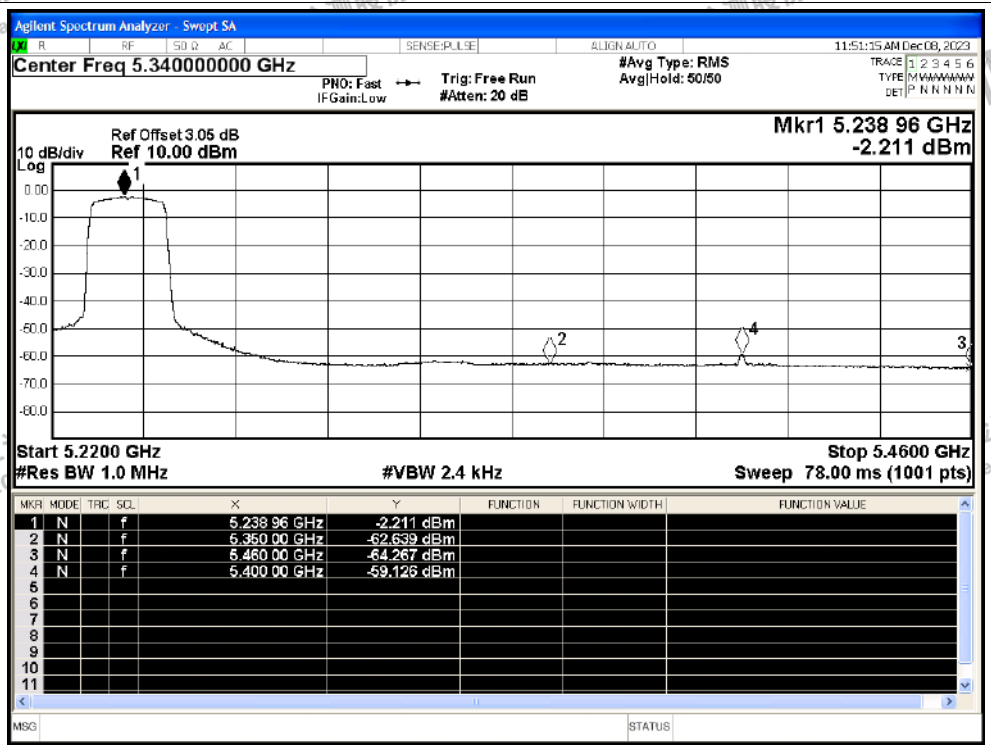
Restrict Band NVNT ax20 mimo 5180MHz Average



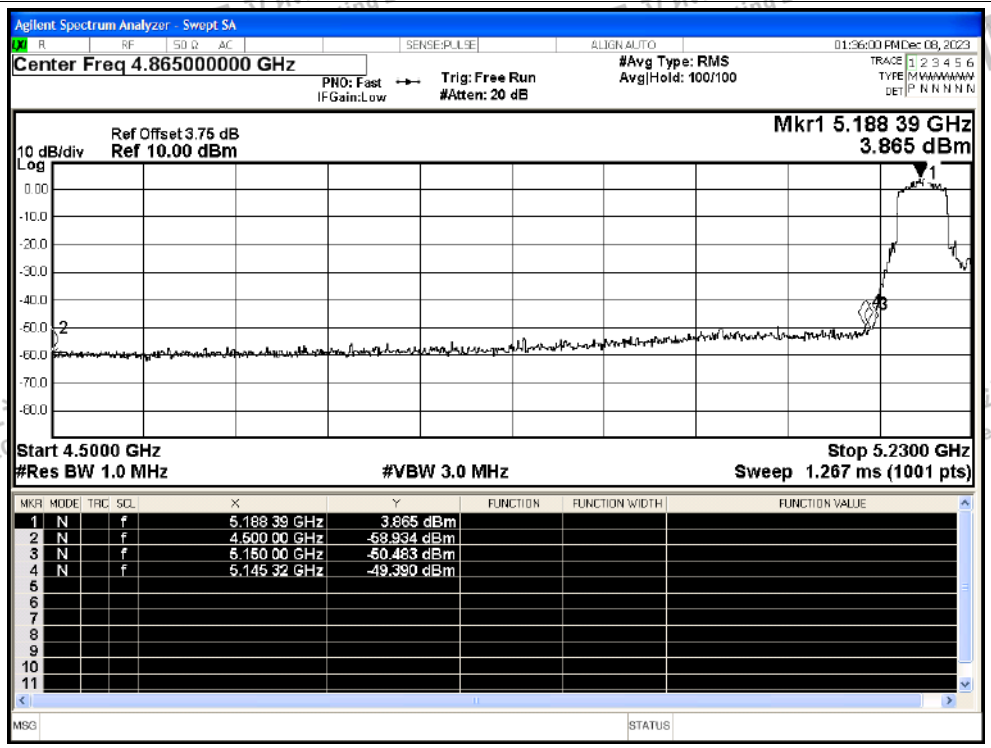
Restrict Band NVNT ax20 mimo 5240MHz Peak



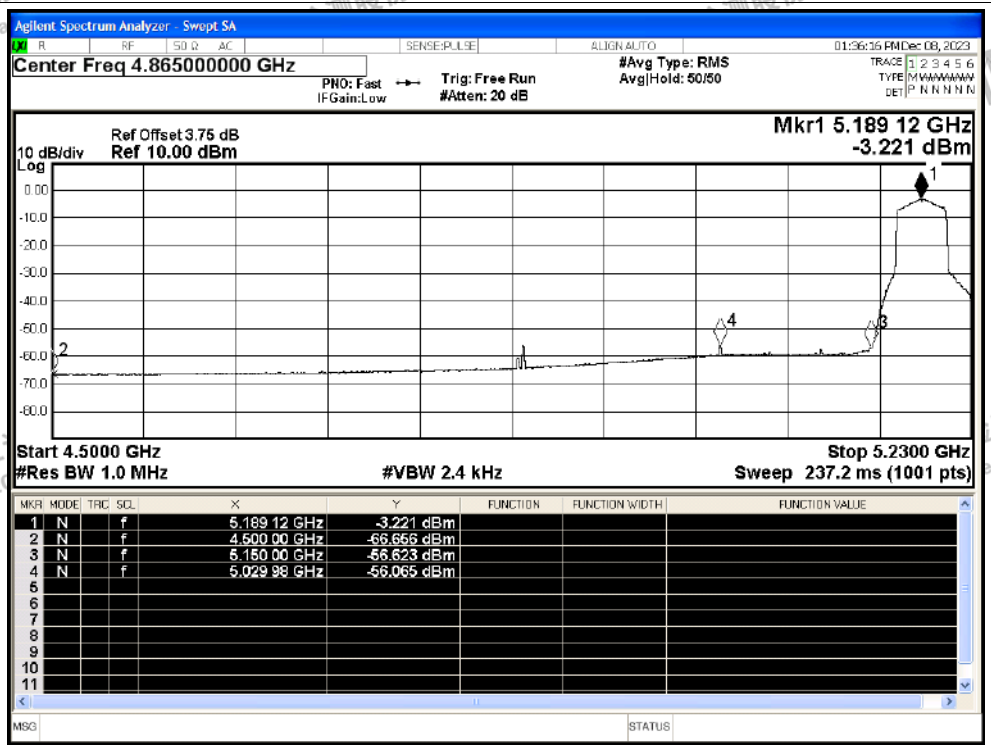
Restrict Band NVNT ax20 mimo 5240MHz Average



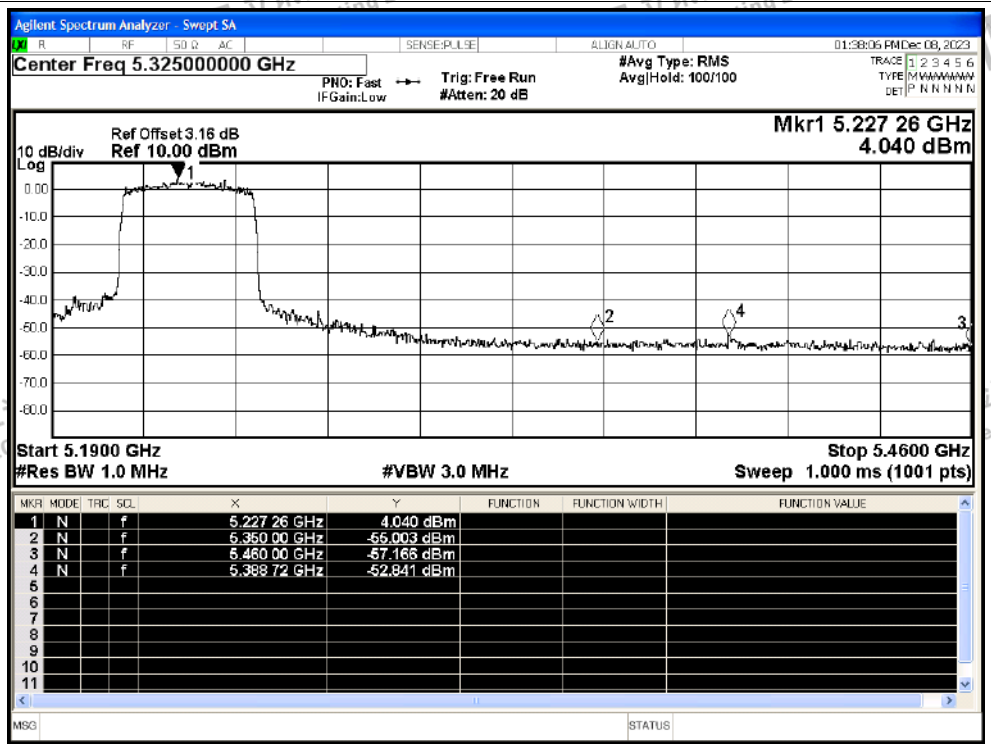
Restrict Band NVNT ax40 mimo 5190MHz Peak



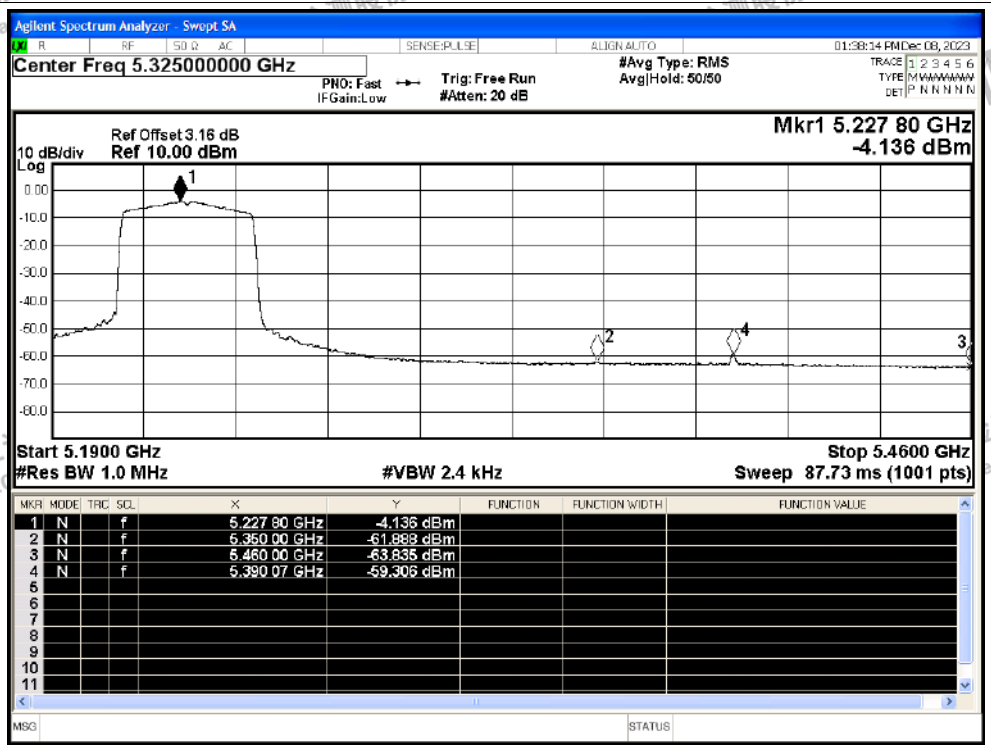
Restrict Band NVNT ax40 mimo 5190MHz Average



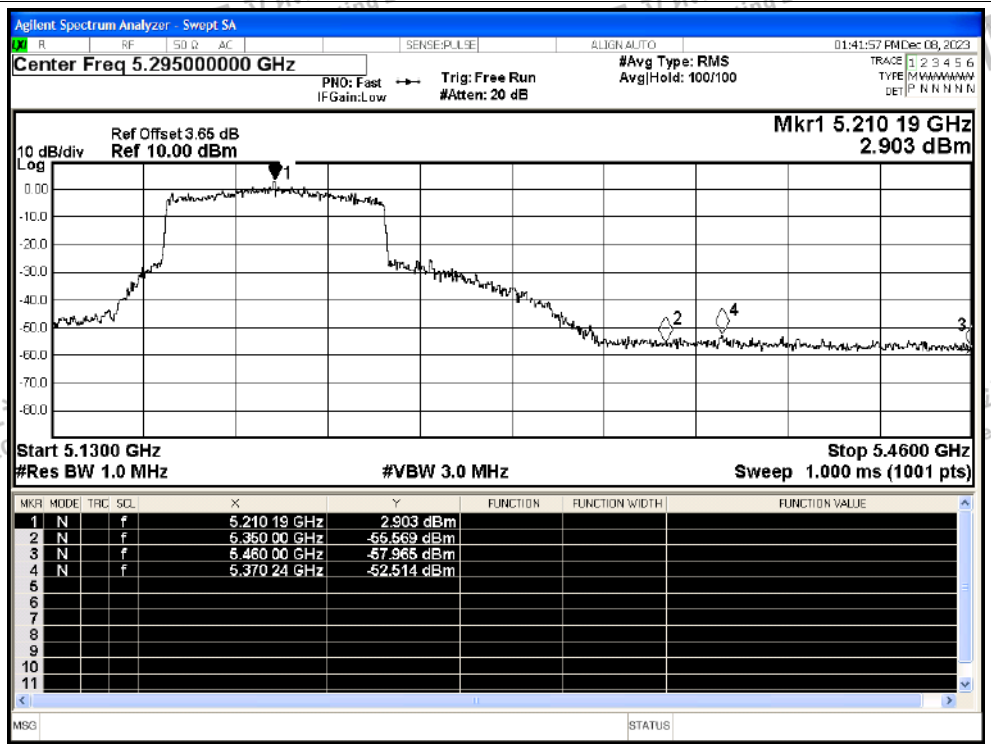
Restrict Band NVNT ax40 mimo 5230MHz Peak



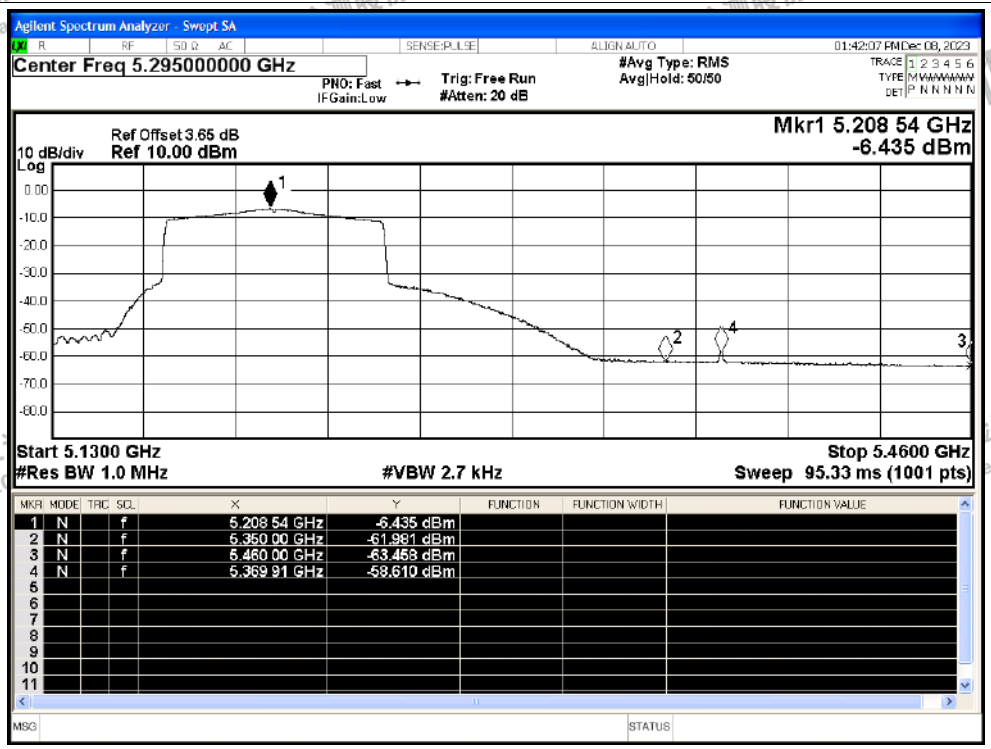
Restrict Band NVNT ax40 mimo 5230MHz Average



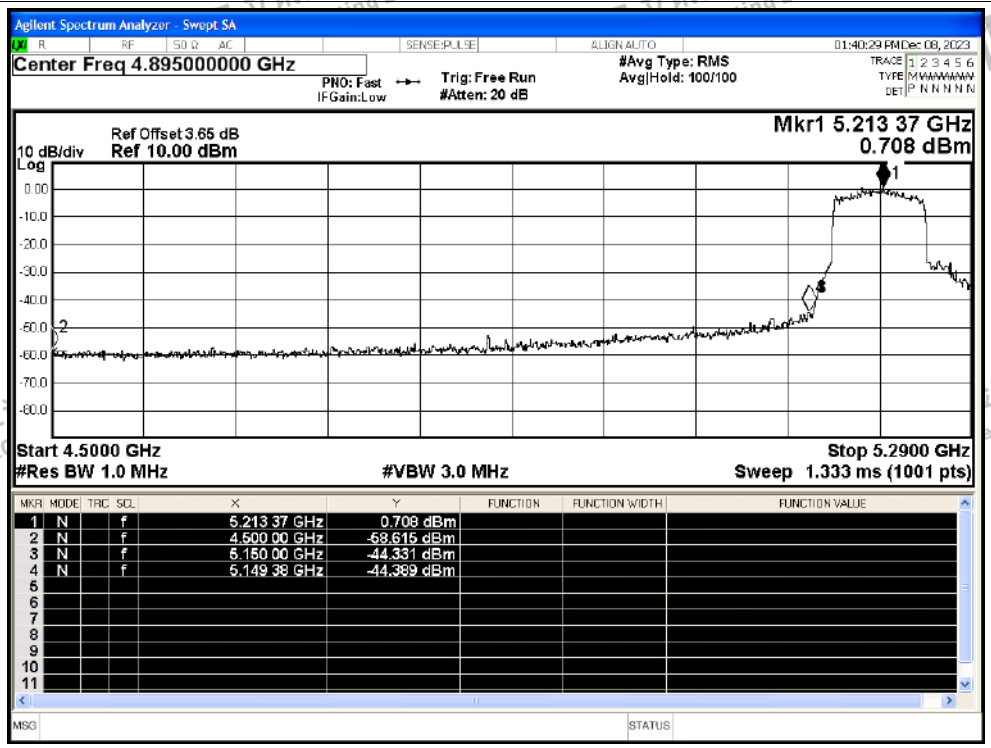
Restrict Band NVNT ax80 mimo 5210MHz Peak



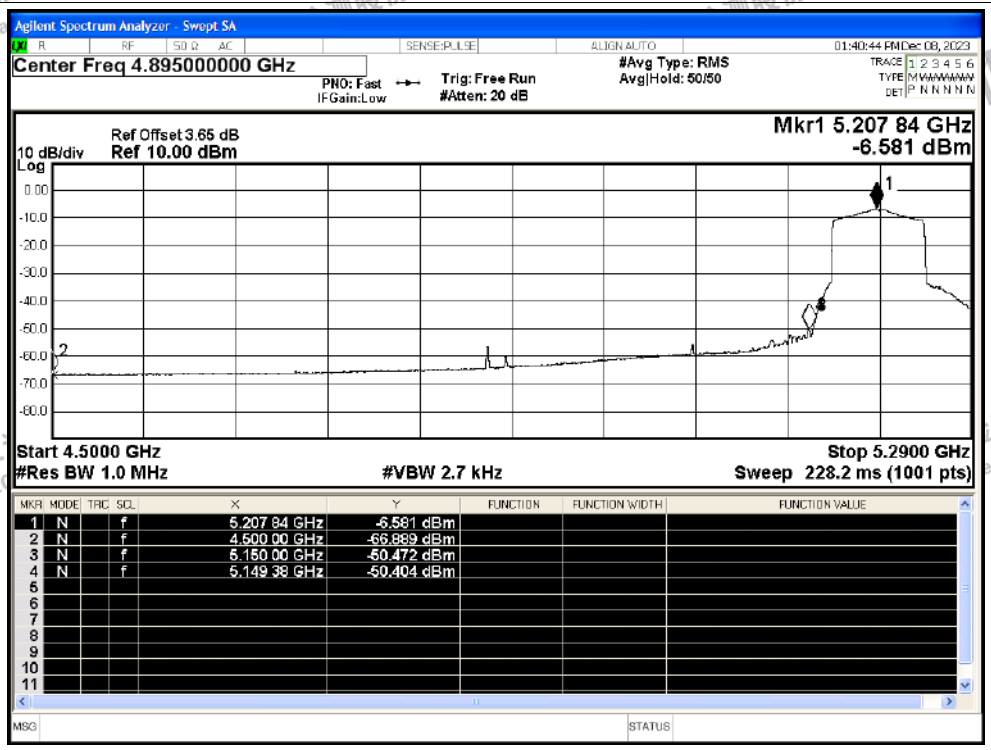
Restrict Band NVNT ax80 mimo 5210MHz Average



Restrict Band NVNT ax80 mimo 5210MHz Peak



Restrict Band NVNT ax80 mimo 5210MHz Average

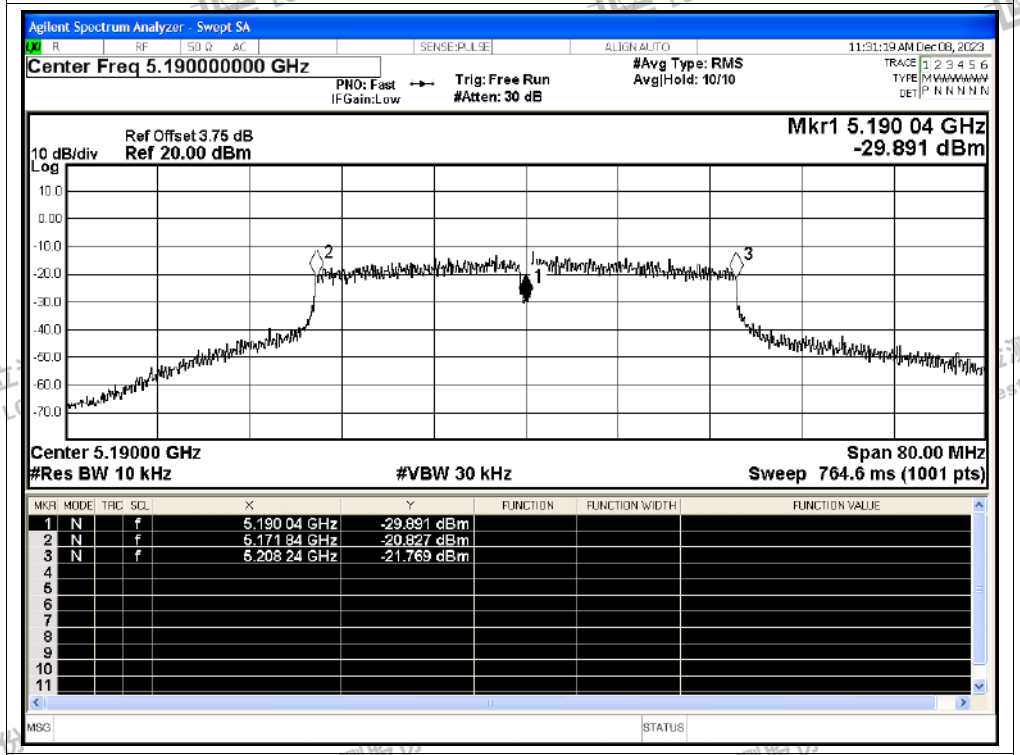


D.5 Frequency Stability

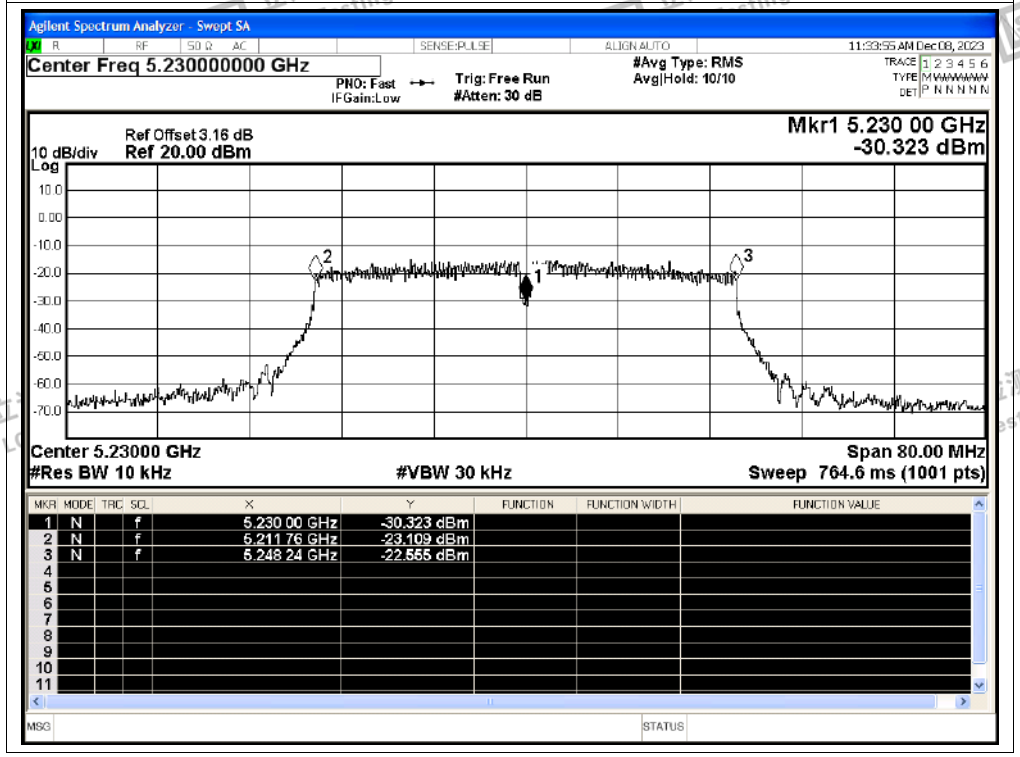
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant0	5190.04	40000	7.71	25	Pass
NVNT	n40	5230	Ant0	5230	0	0	25	Pass
NVNT	ac20	5180	Ant0	5180	0	0	25	Pass
NVNT	ac20	5200	Ant0	5200	0	0	25	Pass
NVNT	ac20	5240	Ant0	5240	0	0	25	Pass
NVNT	ac40	5190	Ant0	5190	0	0	25	Pass
NVNT	ac40	5230	Ant0	5229.96	-40000	-7.65	25	Pass
NVNT	ac80	5210	Ant0	5210	0	0	25	Pass

Test Graphs

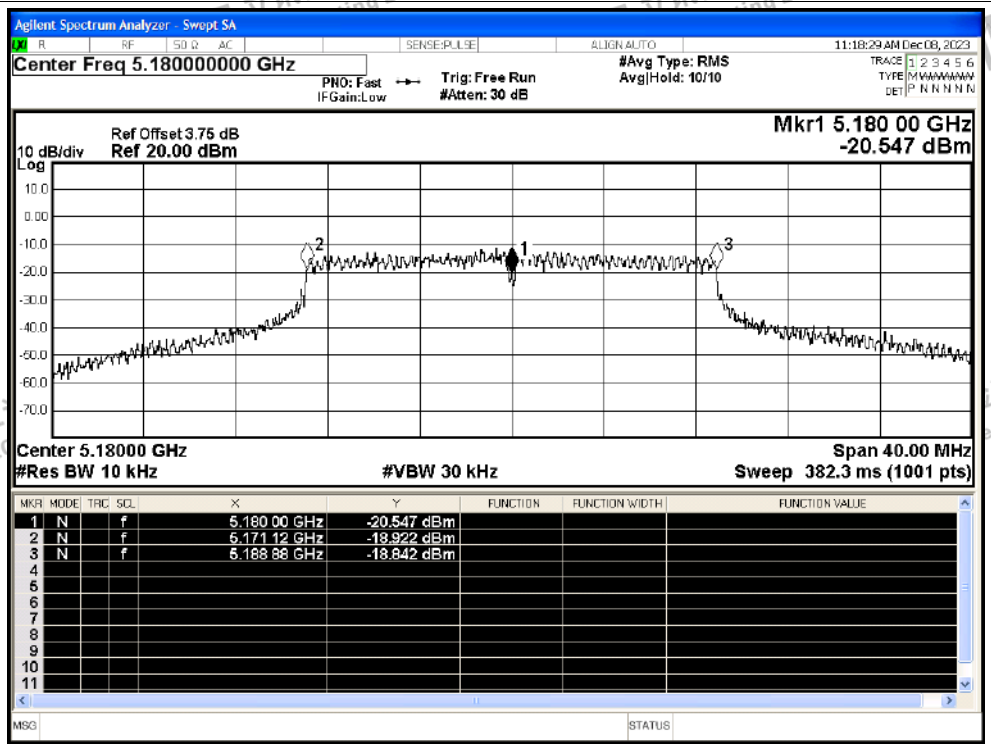
Freq. Stability NVNT n40 5190MHz Ant0



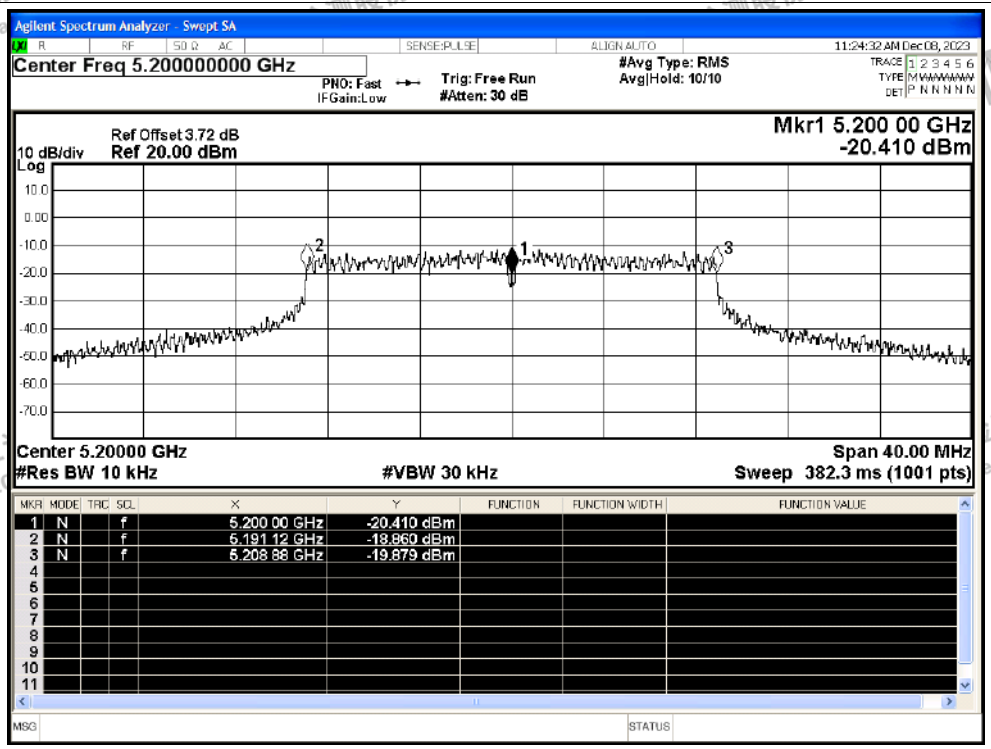
Freq. Stability NVNT n40 5230MHz Ant0



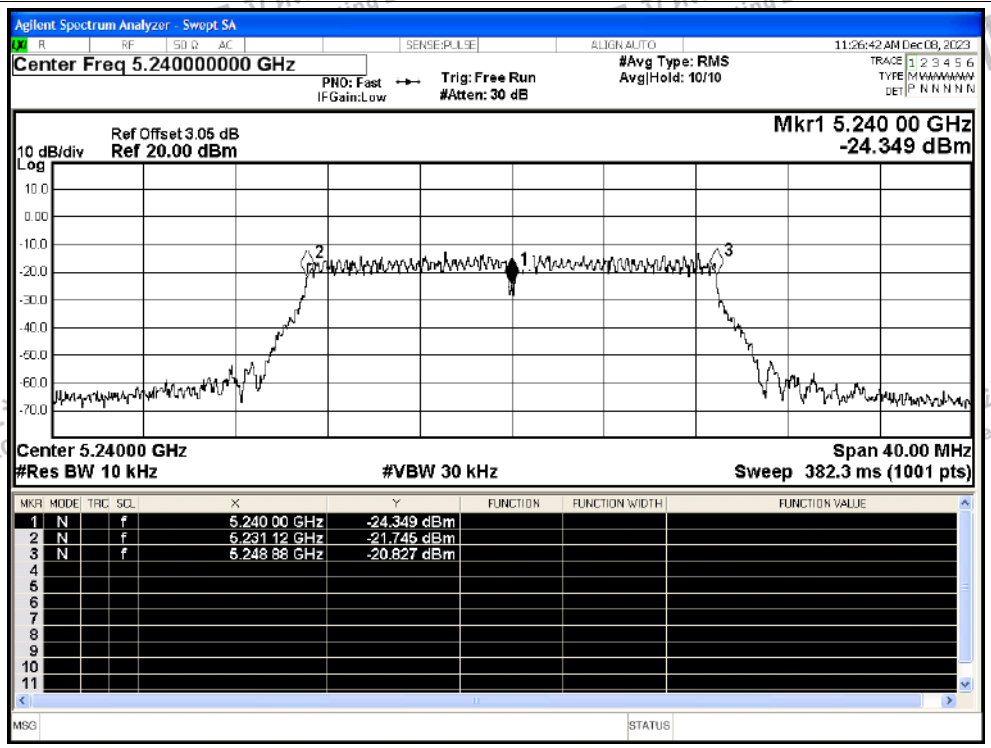
Freq. Stability NVNT ac20 5180MHz Ant0



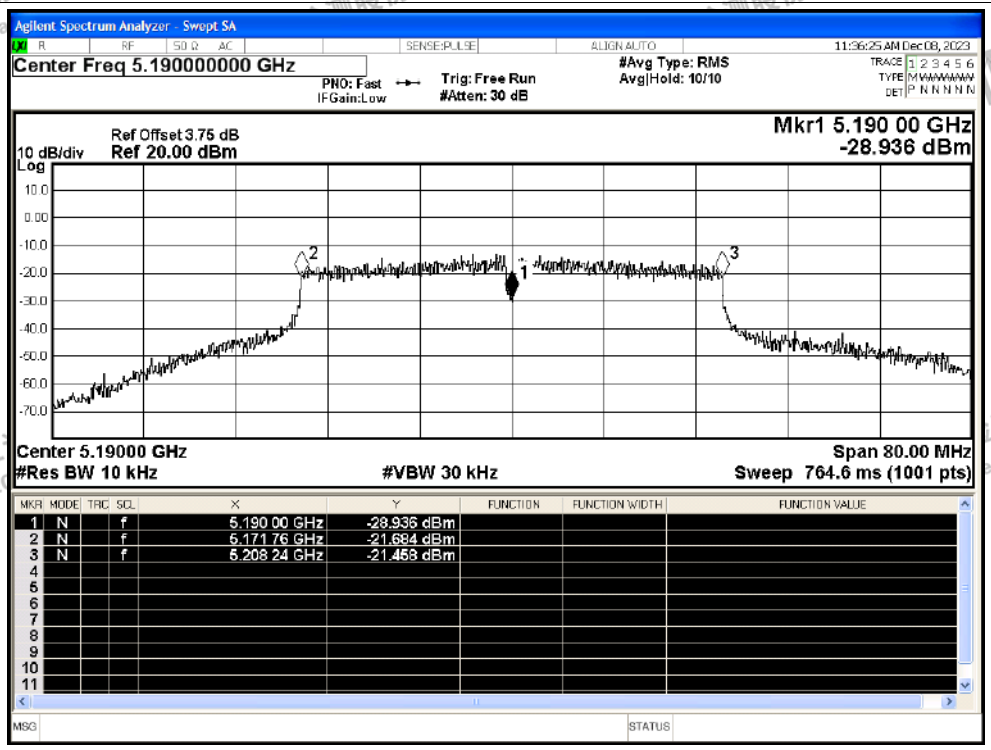
Freq. Stability NVNT ac20 5200MHz Ant0



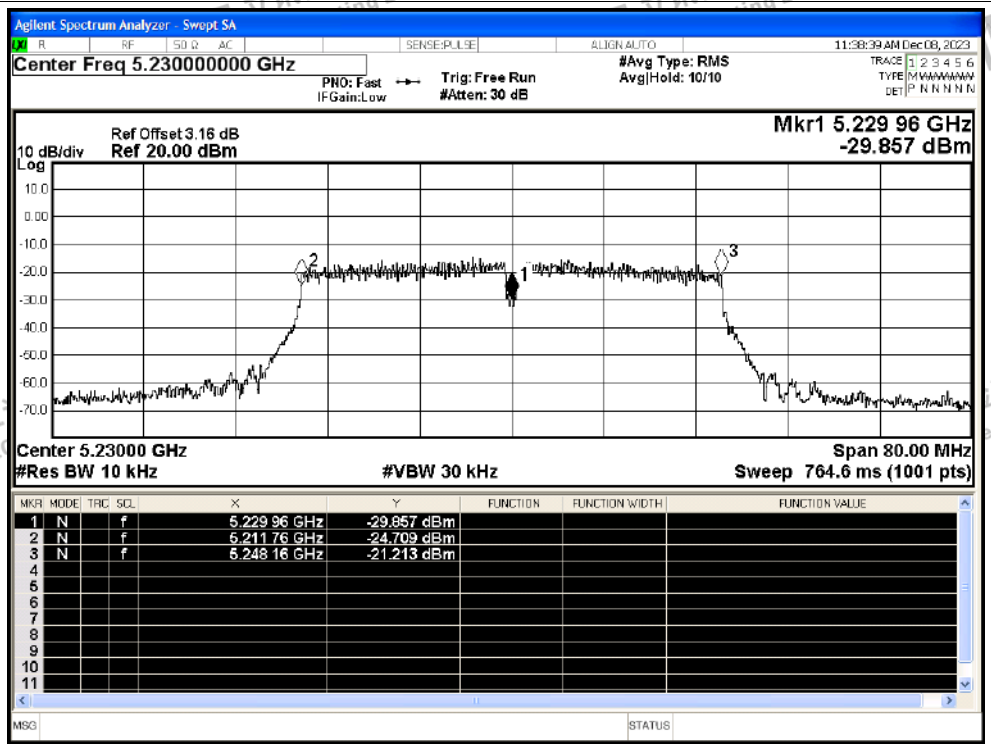
Freq. Stability NVNT ac20 5240MHz Ant0



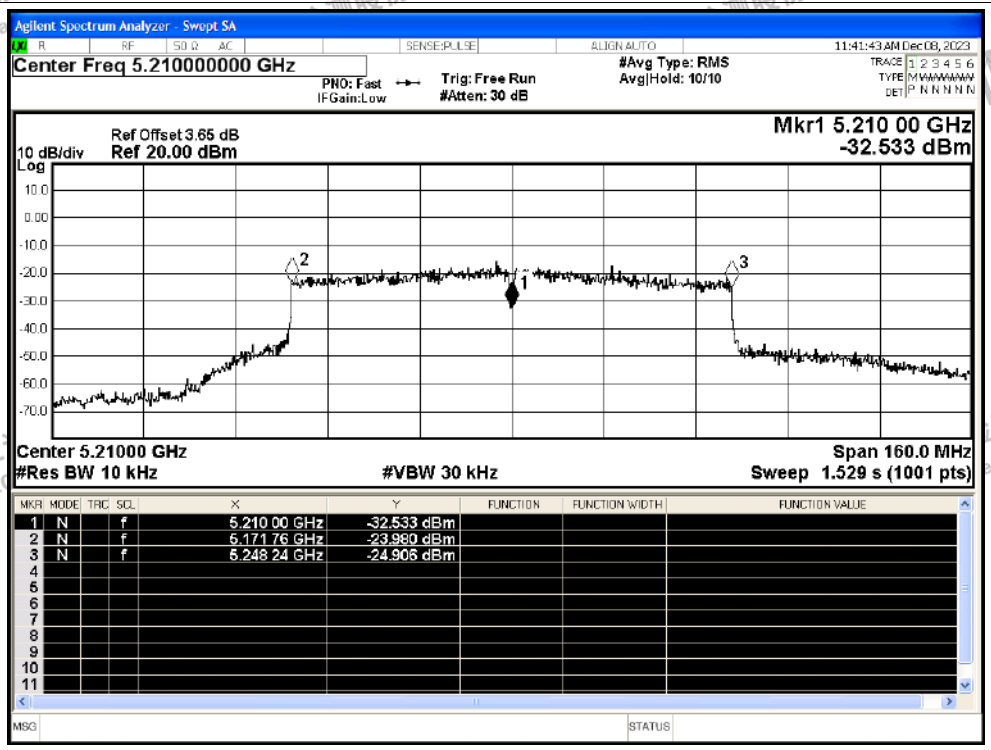
Freq. Stability NVNT ac40 5190MHz Ant0



Freq. Stability NVNT ac40 5230MHz Ant0



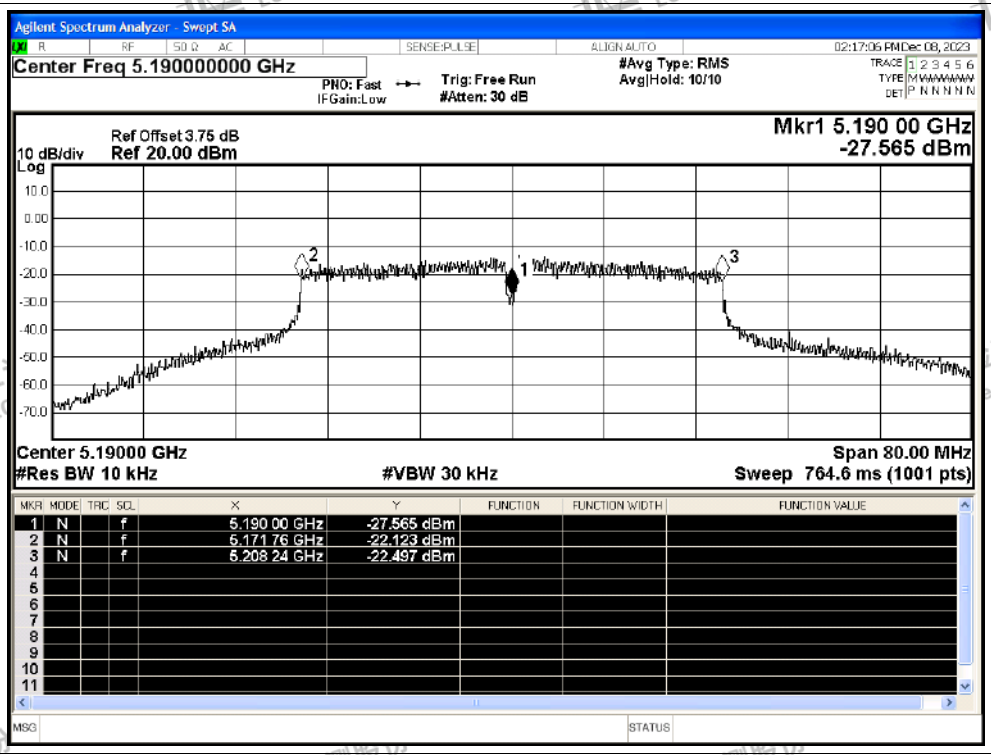
Freq. Stability NVNT ac80 5210MHz Ant0



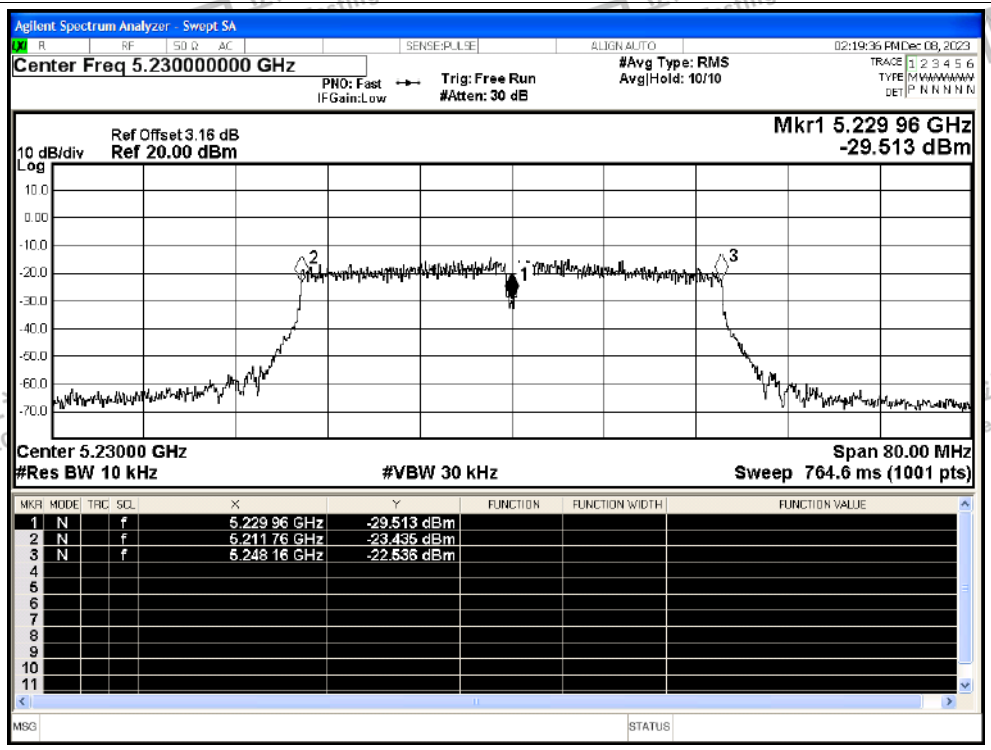
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ac20	5180	Ant1	5180	0	0	25	Pass
NVNT	ac20	5200	Ant1	5200	0	0	25	Pass
NVNT	ac20	5240	Ant1	5240	0	0	25	Pass
NVNT	ac40	5190	Ant1	5190.04	40000	7.71	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass

Test Graphs

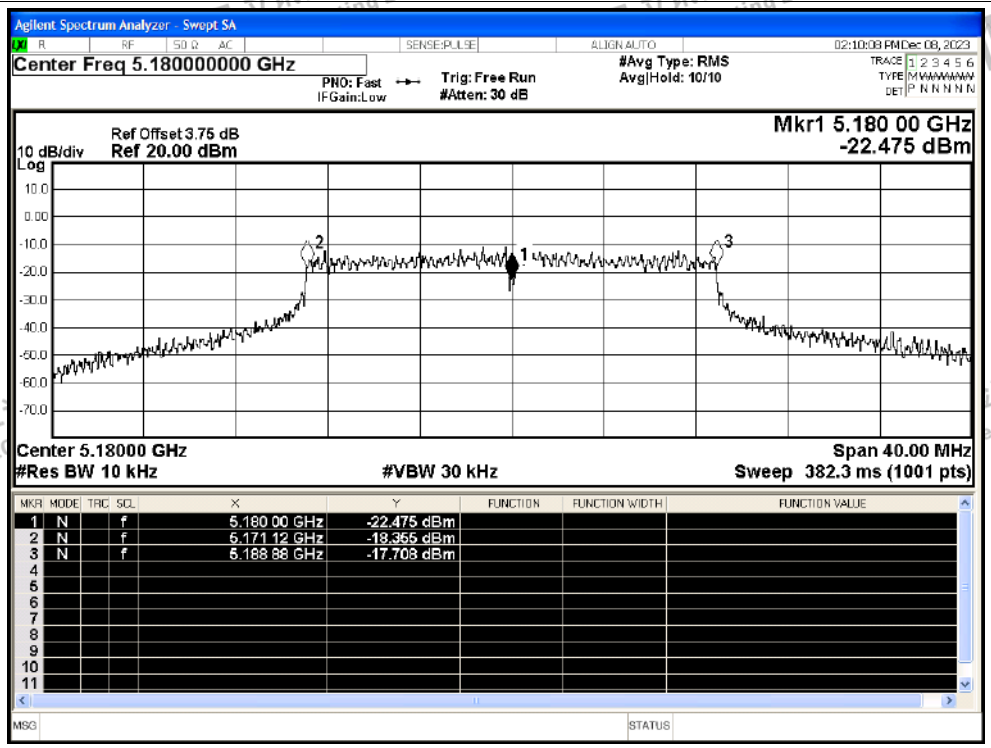
Freq. Stability NVNT n40 5190MHz Ant1



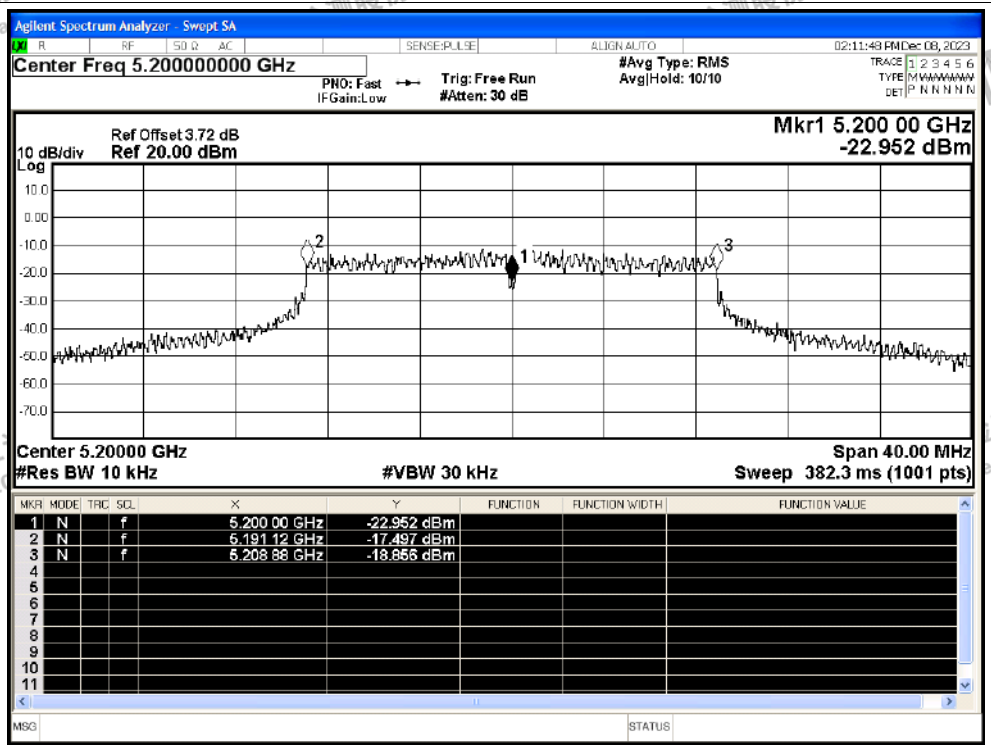
Freq. Stability NVNT n40 5230MHz Ant1



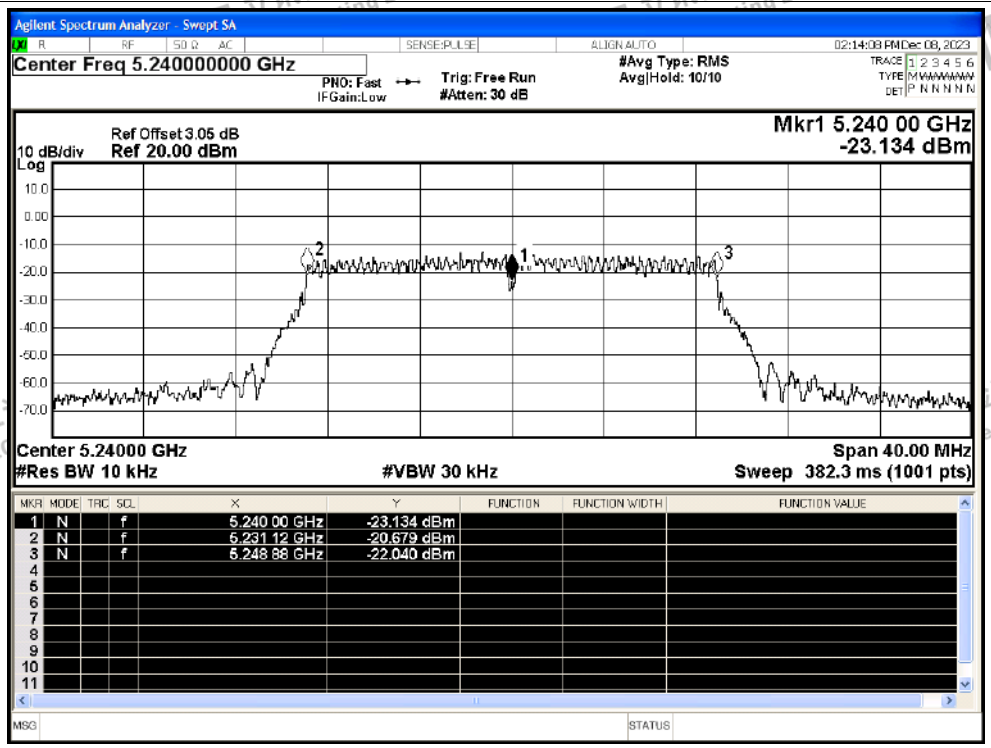
Freq. Stability NVNT ac20 5180MHz Ant1



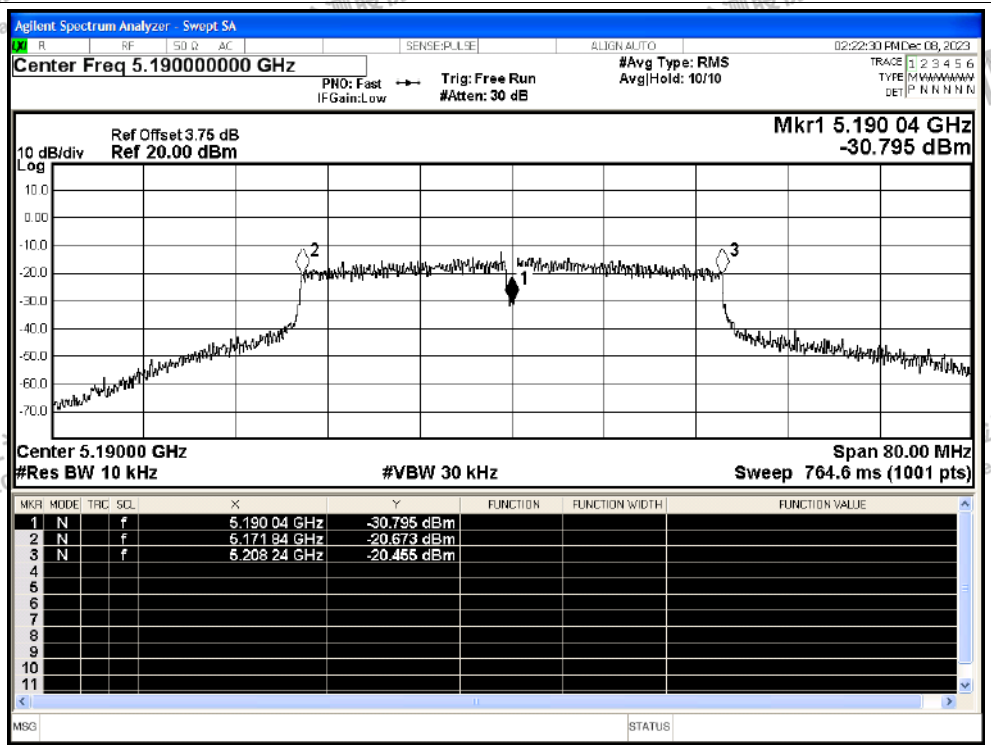
Freq. Stability NVNT ac20 5200MHz Ant1



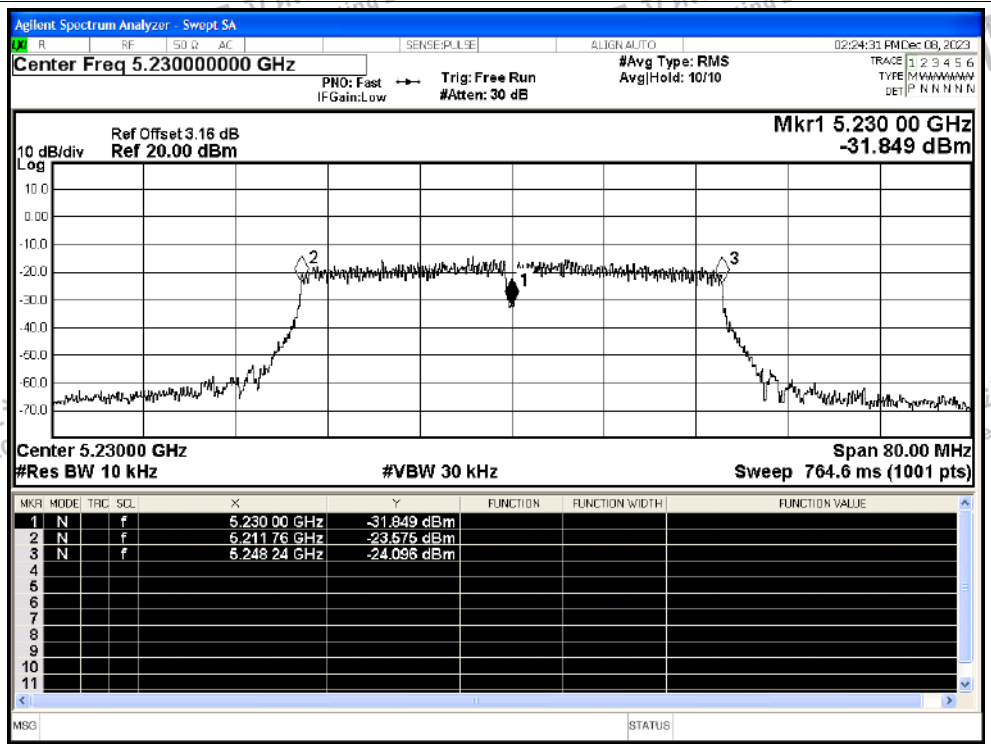
Freq. Stability NVNT ac20 5240MHz Ant1



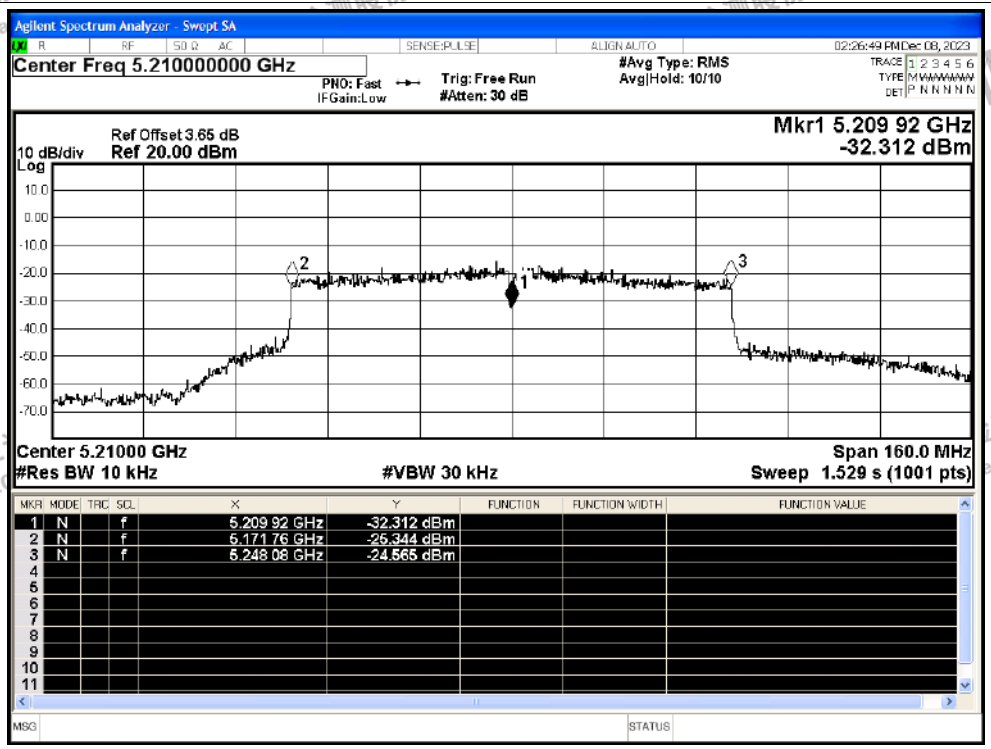
Freq. Stability NVNT ac40 5190MHz Ant1



Freq. Stability NVNT ac40 5230MHz Ant1



Freq. Stability NVNT ac80 5210MHz Ant1

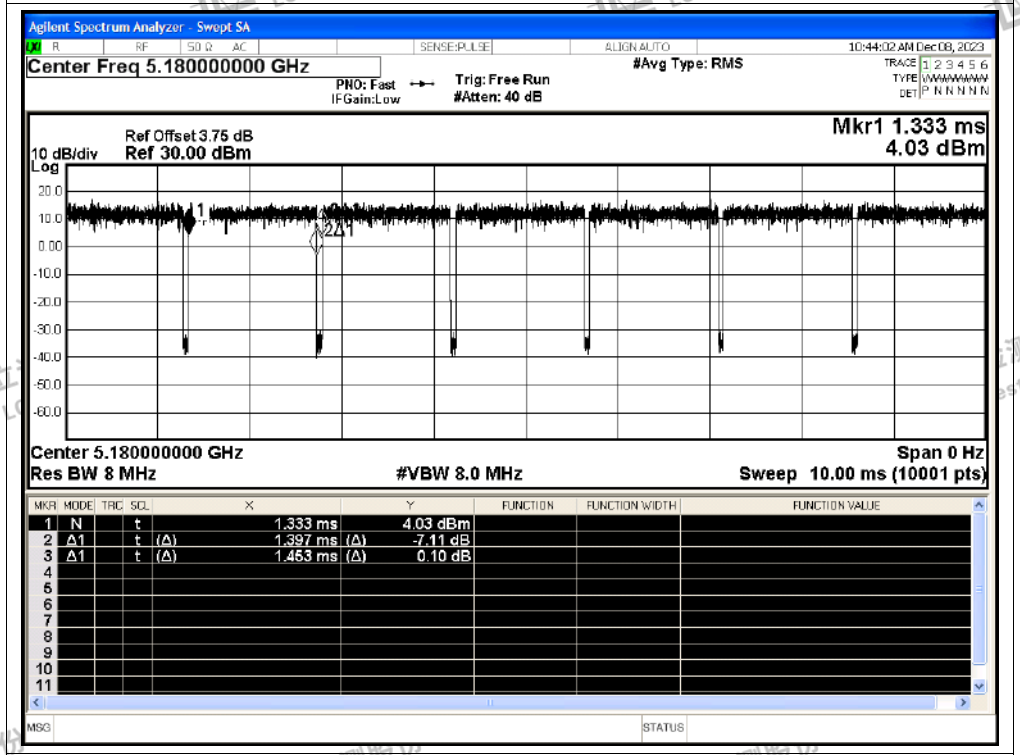


D.6 Duty Cycle

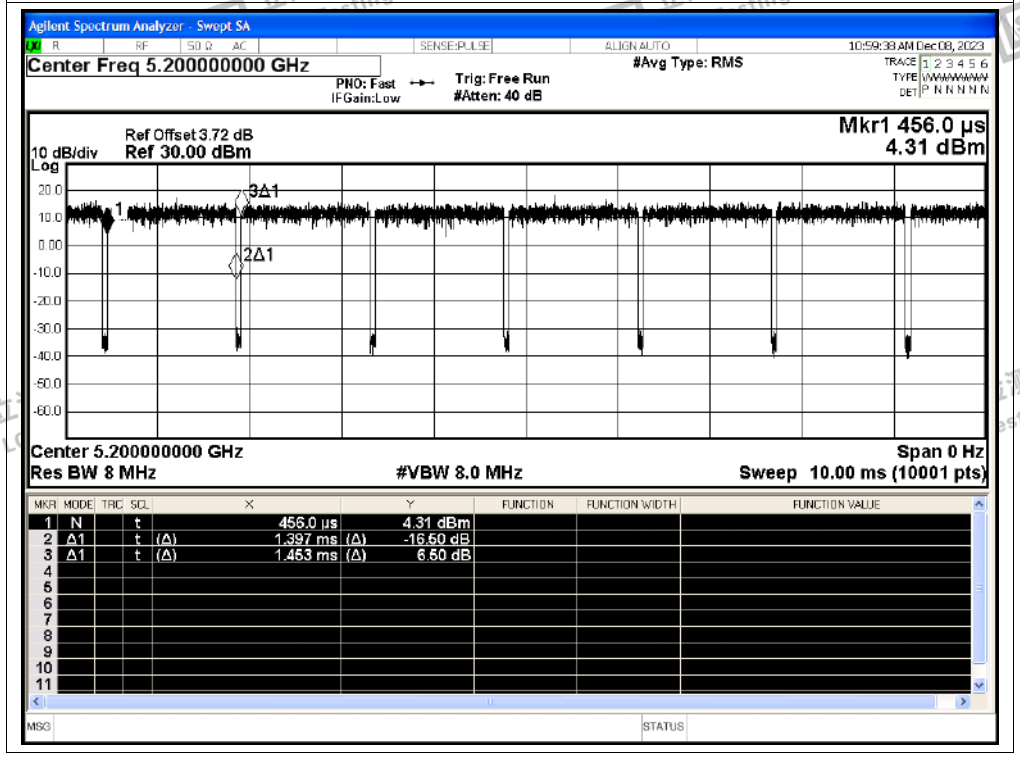
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant0	96.15	0.17	0.72
NVNT	a	5200	Ant0	96.15	0.17	0.72
NVNT	a	5240	Ant0	96.08	0.17	0.72
NVNT	n20	5180	Ant0	95.9	0.18	0.76
NVNT	n20	5200	Ant0	95.82	0.19	0.76
NVNT	n20	5240	Ant0	95.82	0.19	0.76
NVNT	n40	5190	Ant0	92.06	0.36	1.54
NVNT	n40	5230	Ant0	91.91	0.37	1.54
NVNT	ac20	5180	Ant0	89.39	0.49	2.08
NVNT	ac20	5200	Ant0	89.39	0.49	2.08
NVNT	ac20	5240	Ant0	89.39	0.49	2.08
NVNT	ac40	5190	Ant0	82.02	0.86	3.85
NVNT	ac40	5230	Ant0	82.02	0.86	3.85
NVNT	ac80	5210	Ant0	72.2	1.41	6.76
NVNT	ax20	5180	Ant0	88.27	0.54	2.33
NVNT	ax20	5200	Ant0	88.45	0.53	2.33
NVNT	ax20	5240	Ant0	88.27	0.54	2.33
NVNT	ax40	5190	Ant0	88.38	0.54	2.35
NVNT	ax40	5230	Ant0	88.17	0.55	2.35
NVNT	ax80	5210	Ant0	87.85	0.56	2.43

Test Graphs

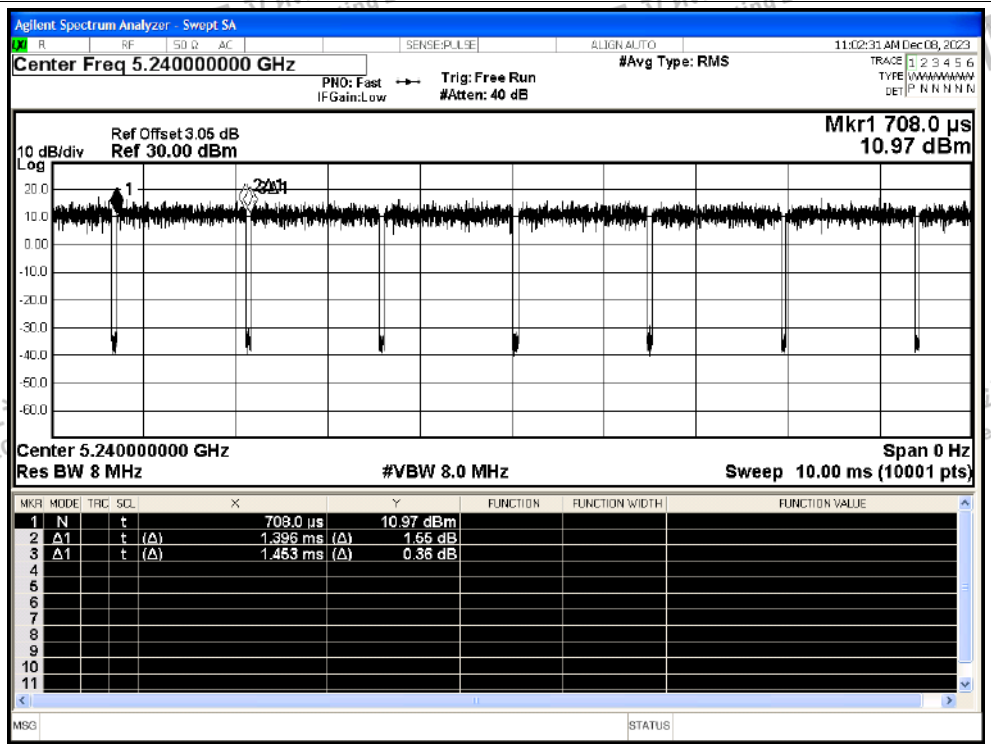
Duty Cycle NVNT a 5180MHz Ant0



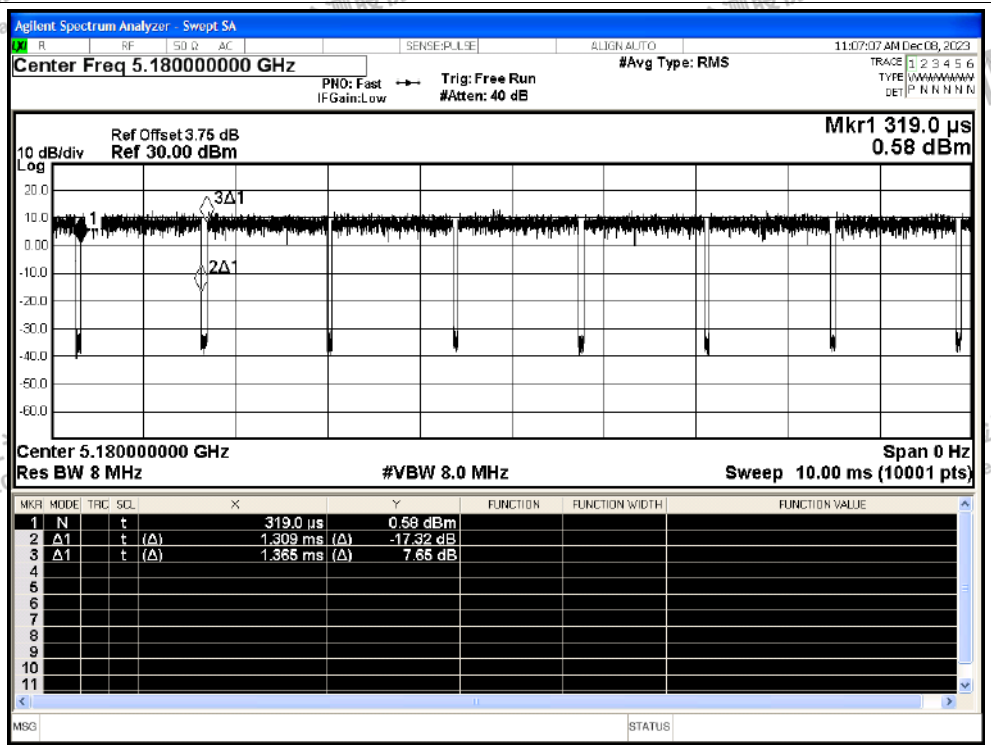
Duty Cycle NVNT a 5200MHz Ant0



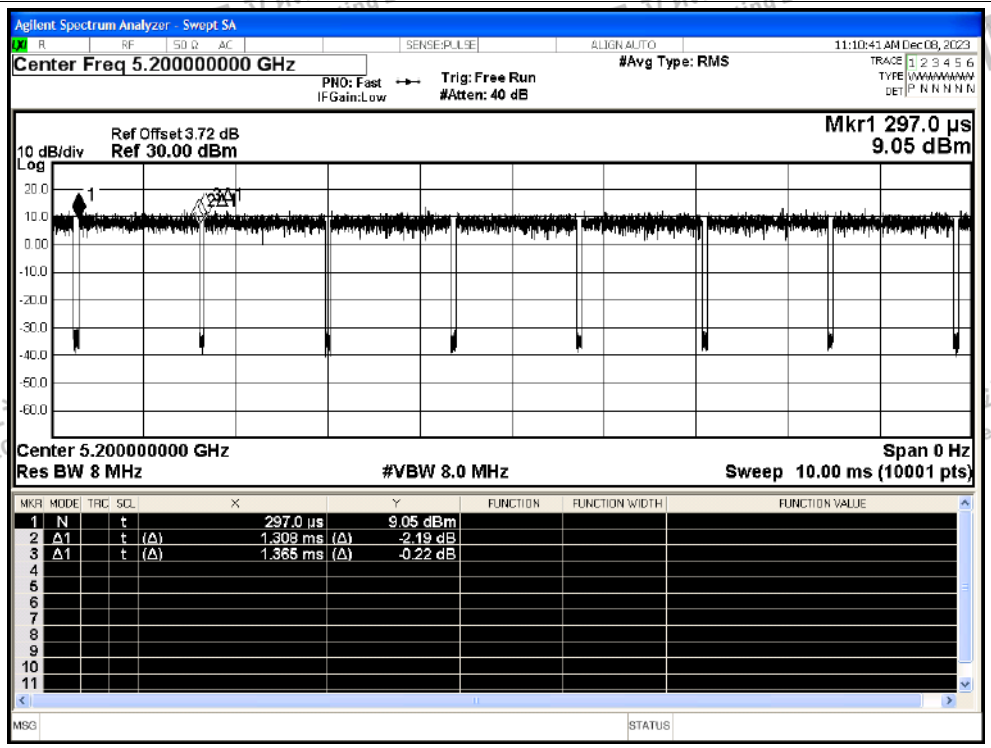
Duty Cycle NVNT a 5240MHz Ant0



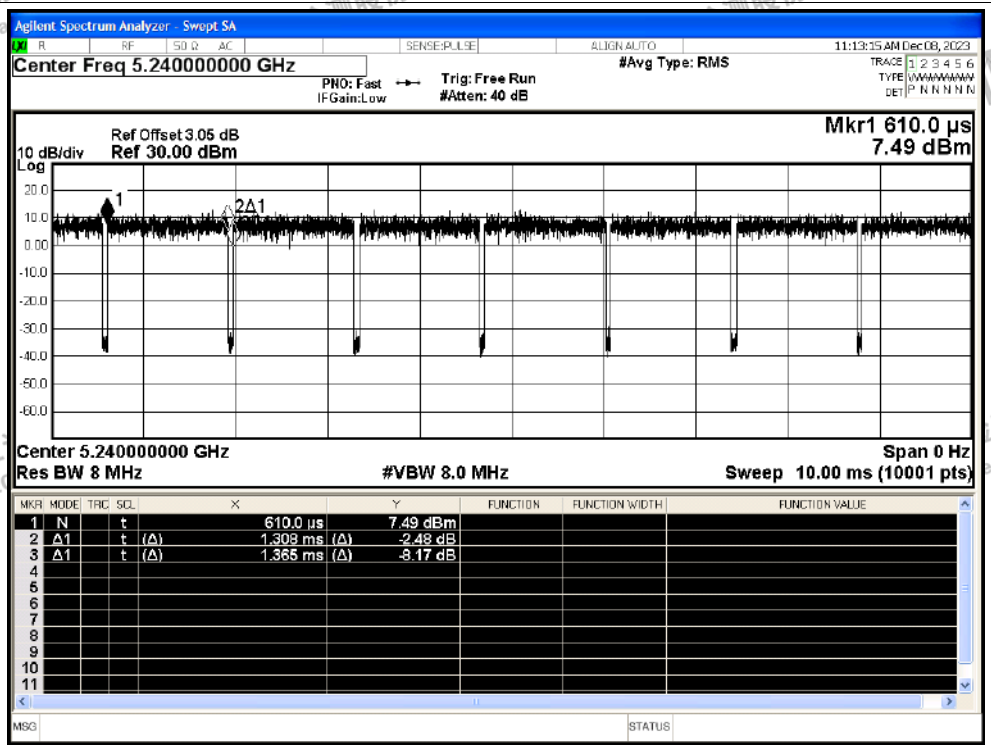
Duty Cycle NVNT n20 5180MHz Ant0



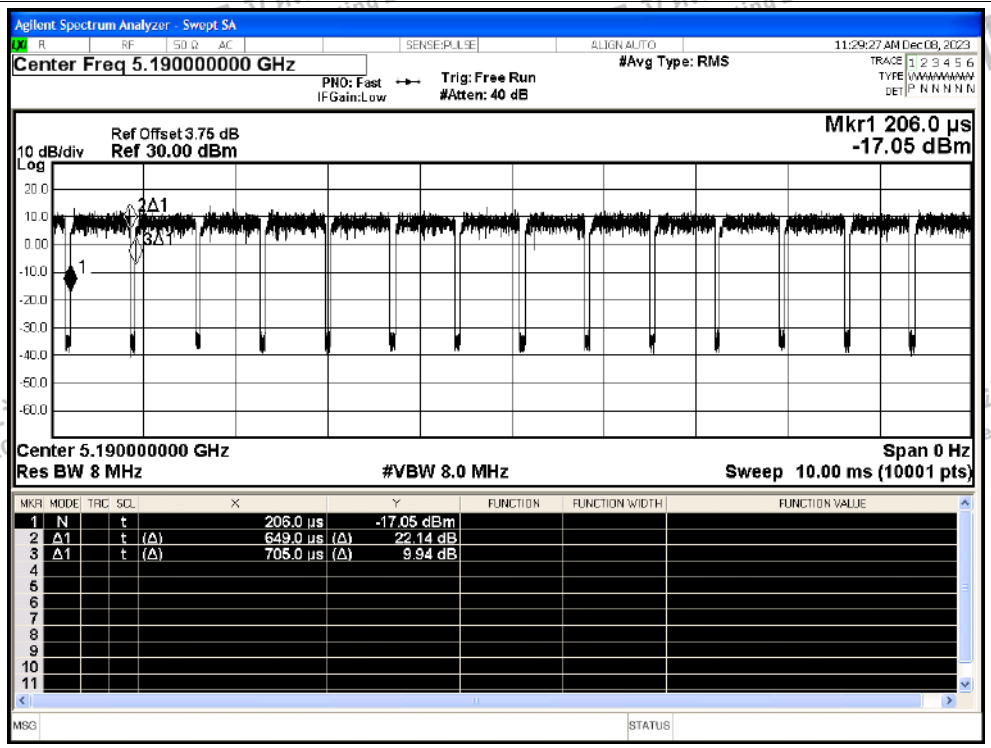
Duty Cycle NVNT n20 5200MHz Ant0



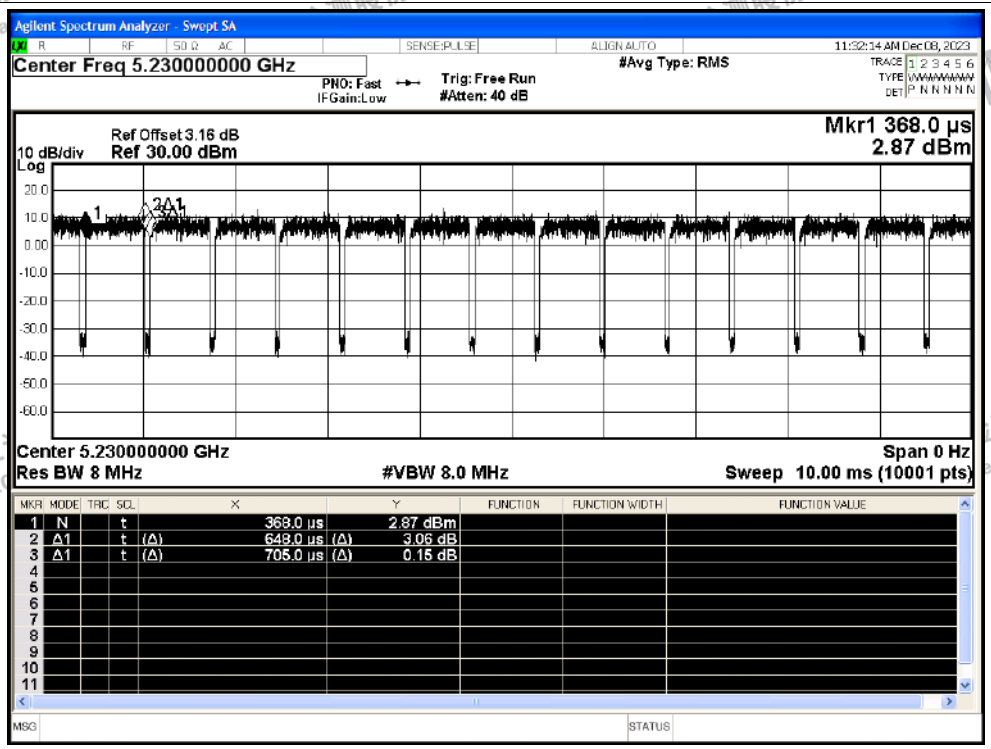
Duty Cycle NVNT n20 5240MHz Ant0



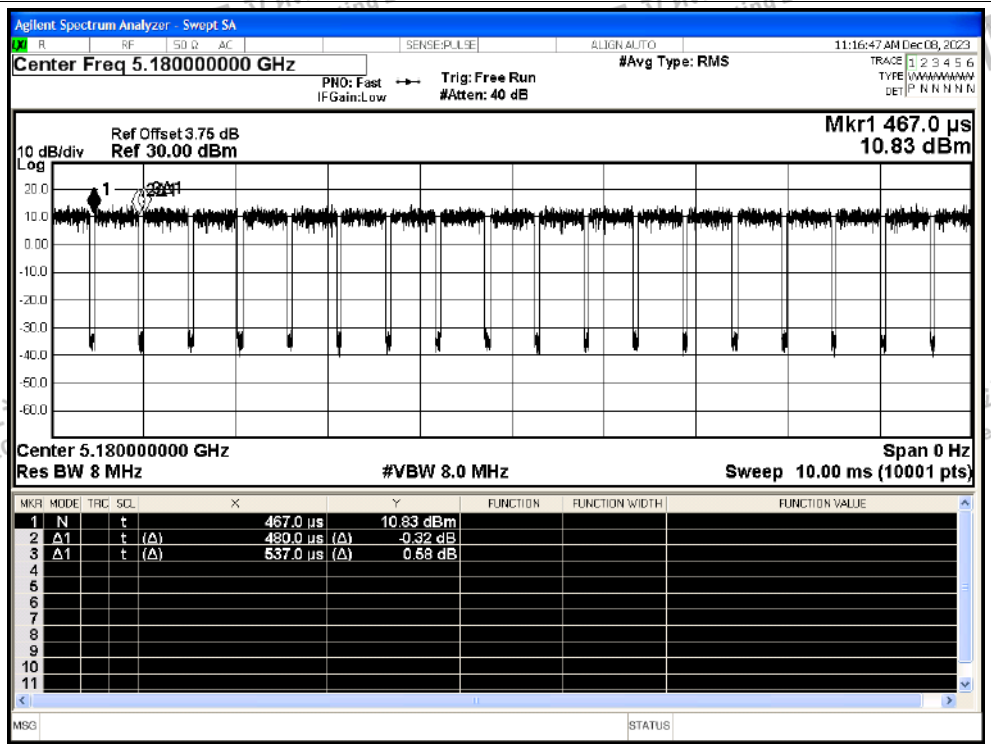
Duty Cycle NVNT n40 5190MHz Ant0



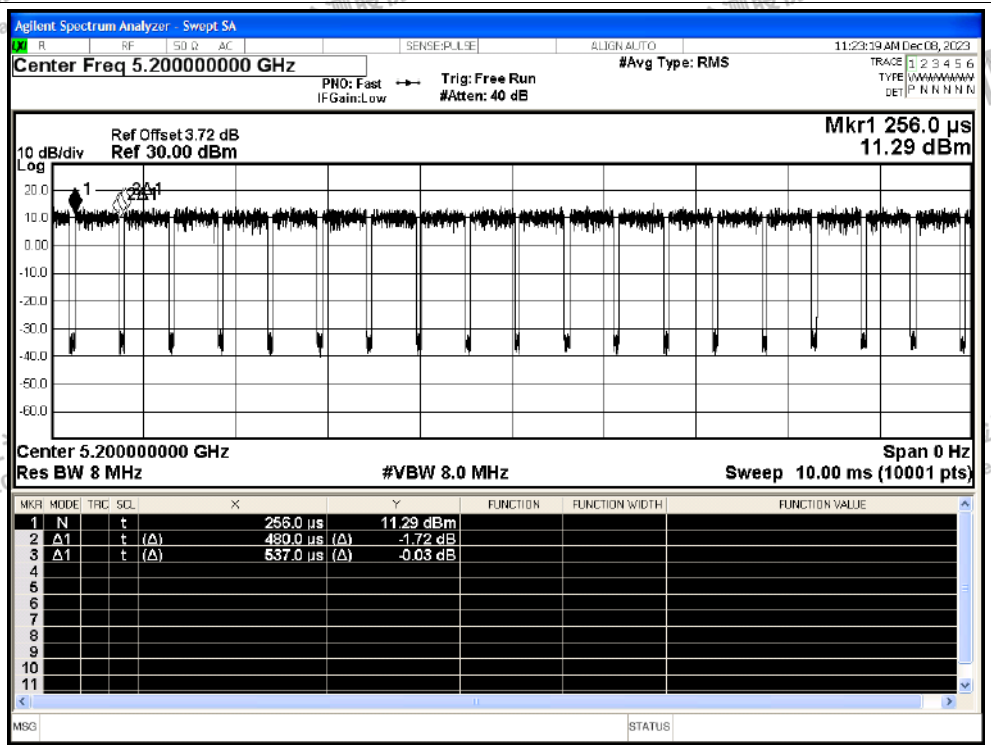
Duty Cycle NVNT n40 5230MHz Ant0



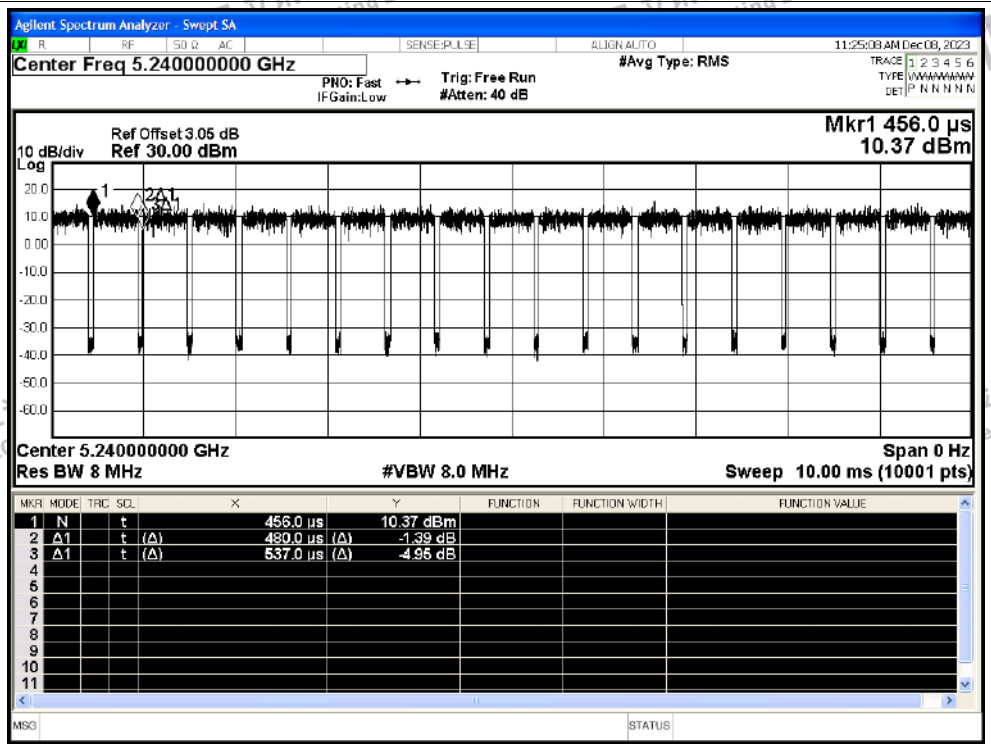
Duty Cycle NVNT ac20 5180MHz Ant0



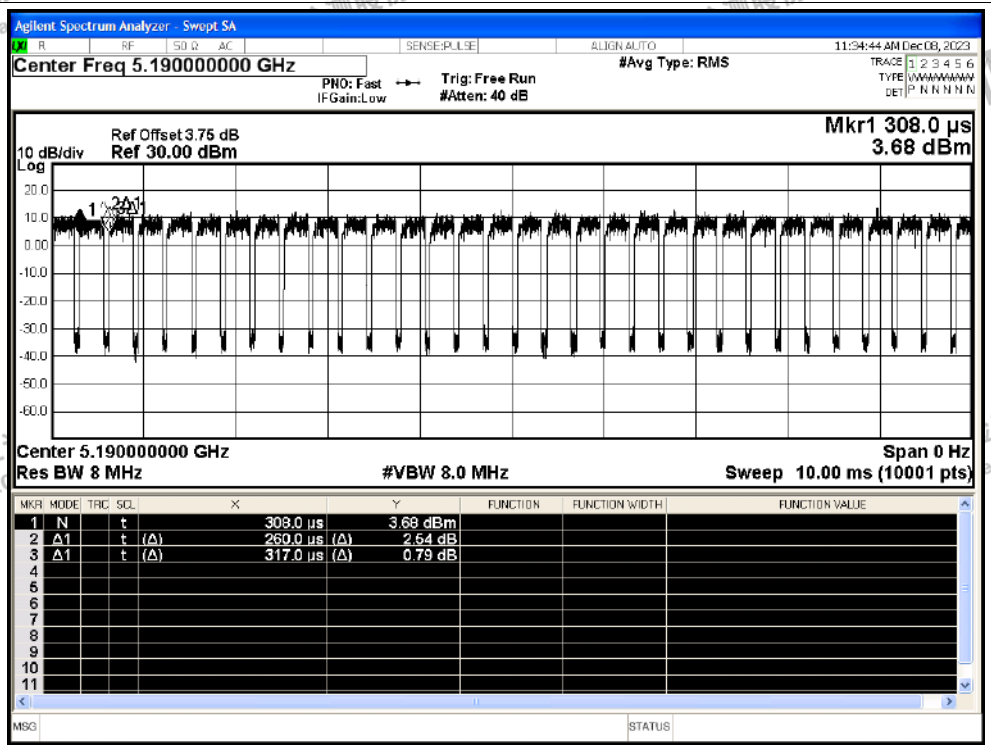
Duty Cycle NVNT ac20 5200MHz Ant0



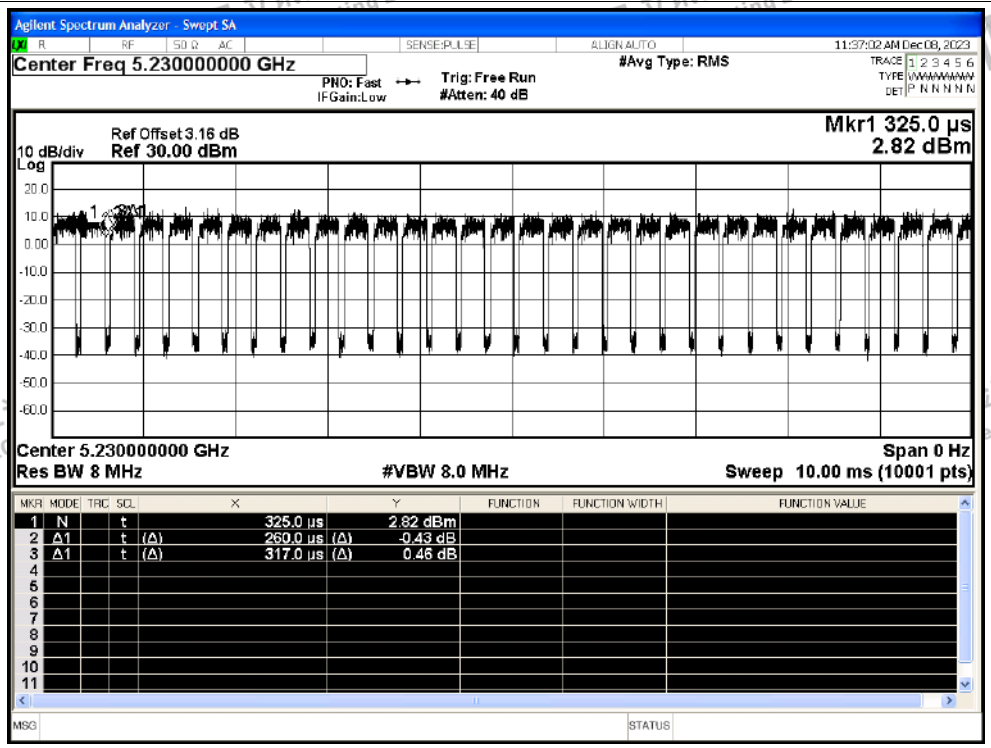
Duty Cycle NVNT ac20 5240MHz Ant0



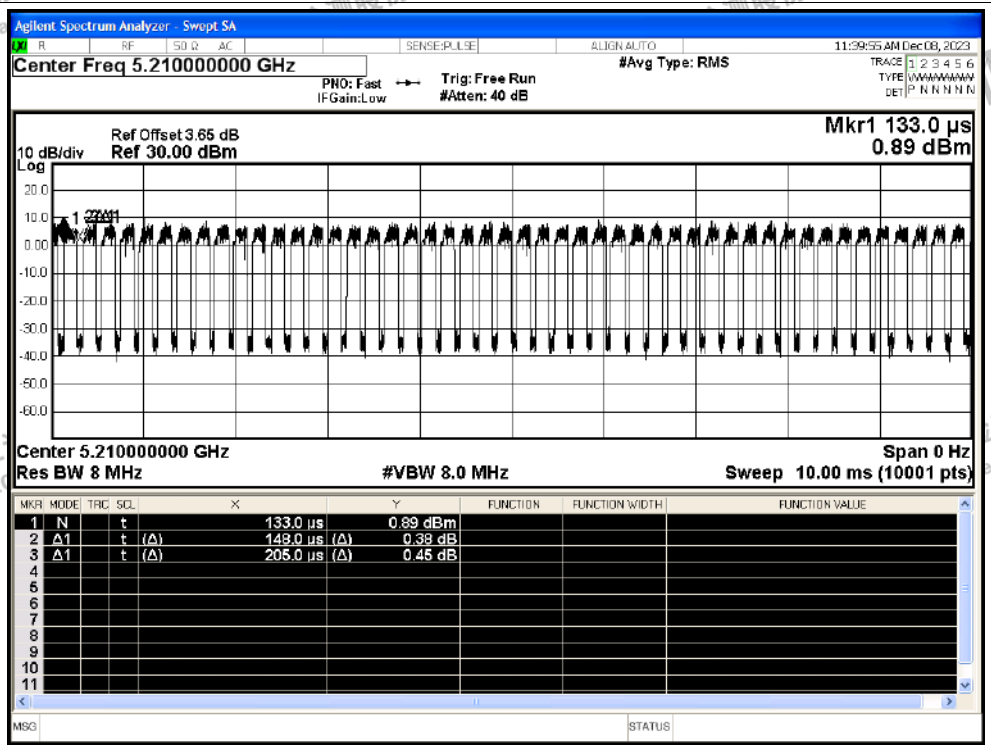
Duty Cycle NVNT ac40 5190MHz Ant0



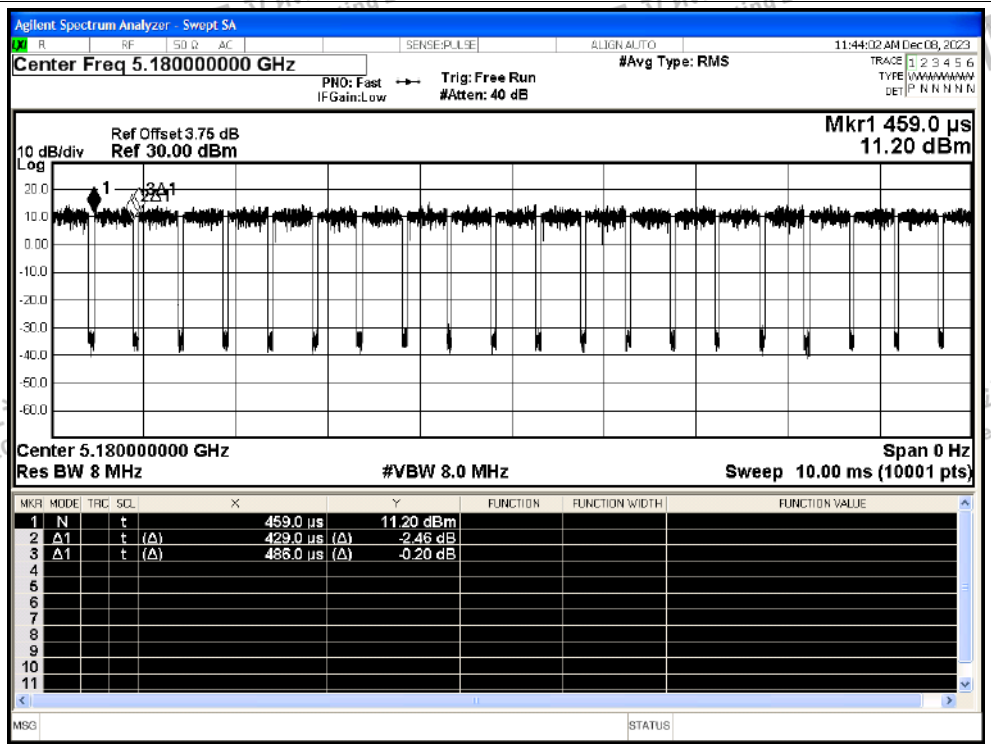
Duty Cycle NVNT ac40 5230MHz Ant0



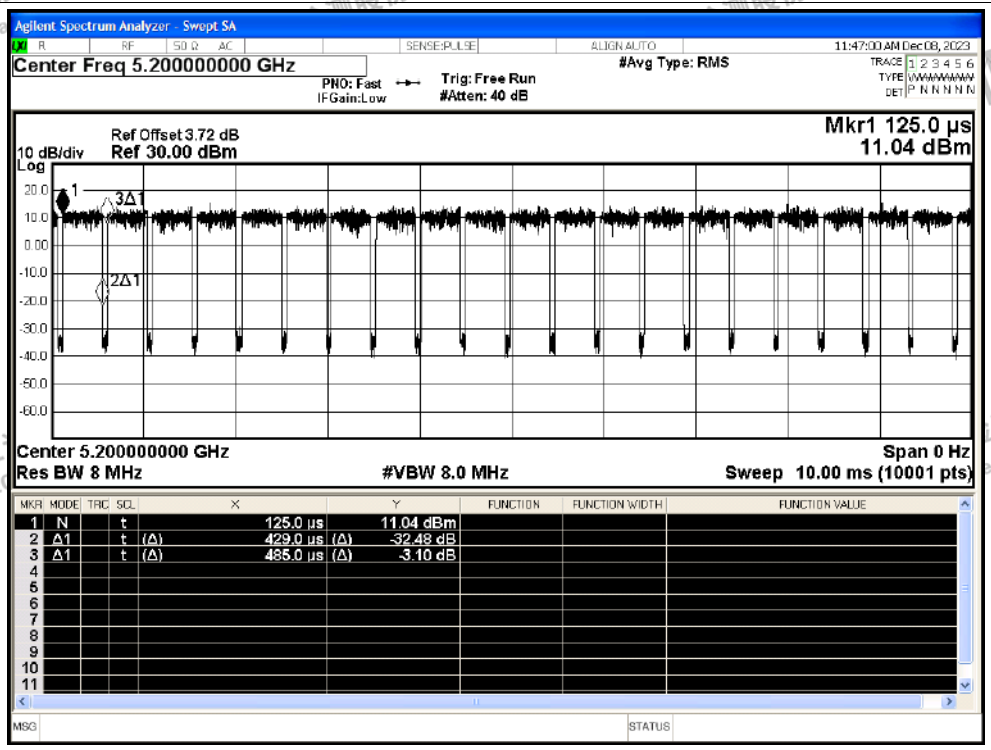
Duty Cycle NVNT ac80 5210MHz Ant0



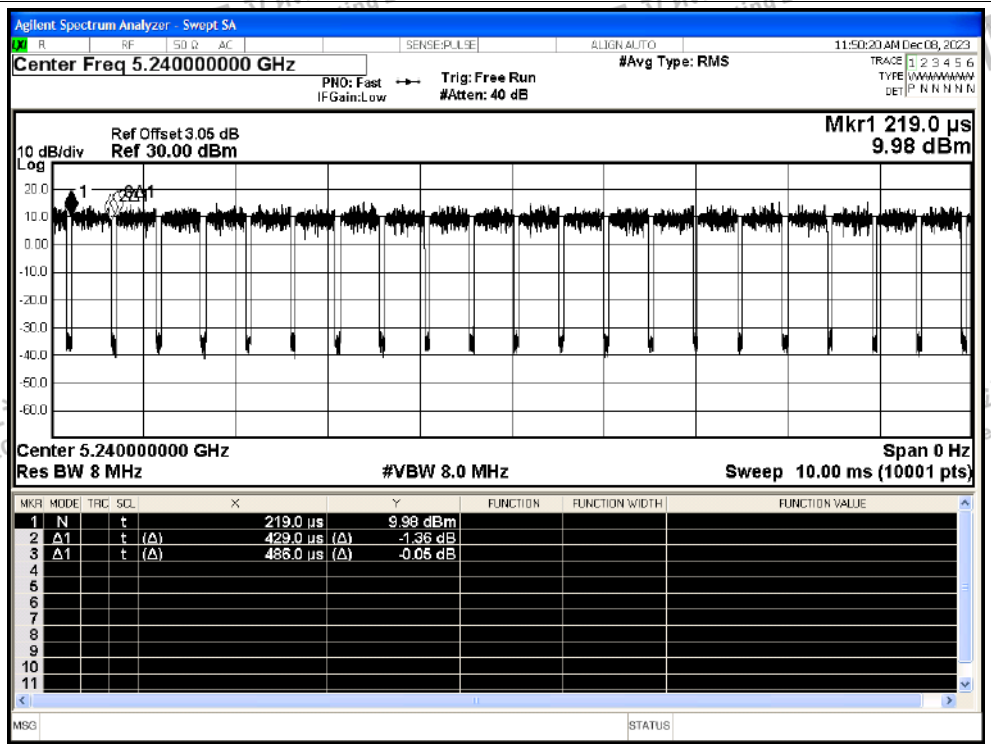
Duty Cycle NVNT ax20 5180MHz Ant0



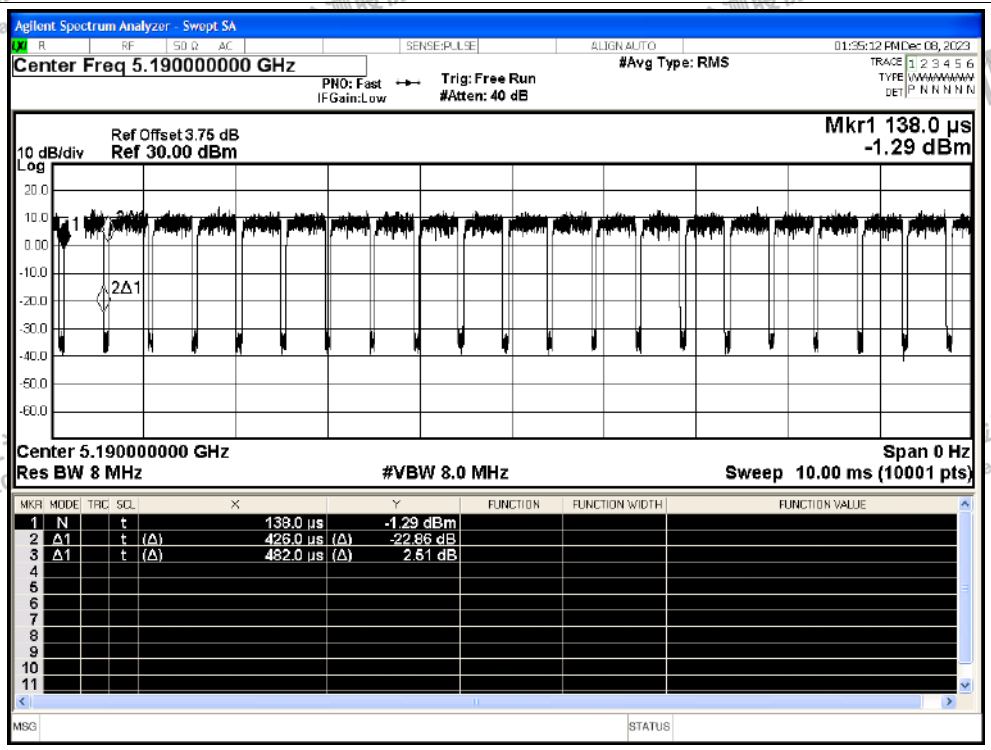
Duty Cycle NVNT ax20 5200MHz Ant0



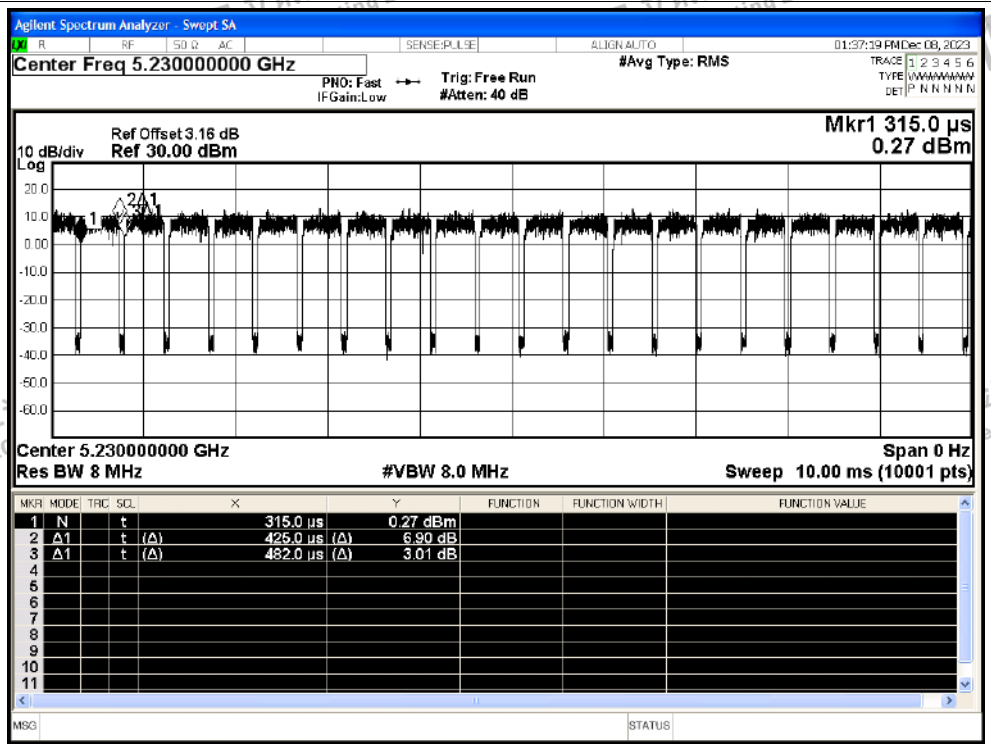
Duty Cycle NVNT ax20 5240MHz Ant0



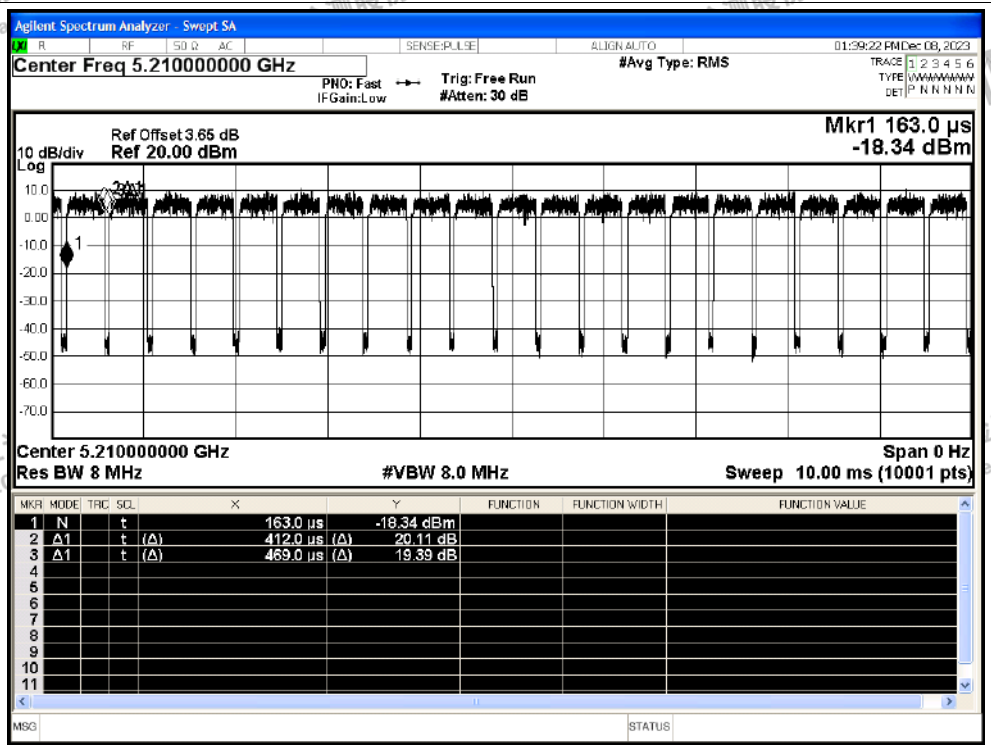
Duty Cycle NVNT ax40 5190MHz Ant0



Duty Cycle NVNT ax40 5230MHz Ant0



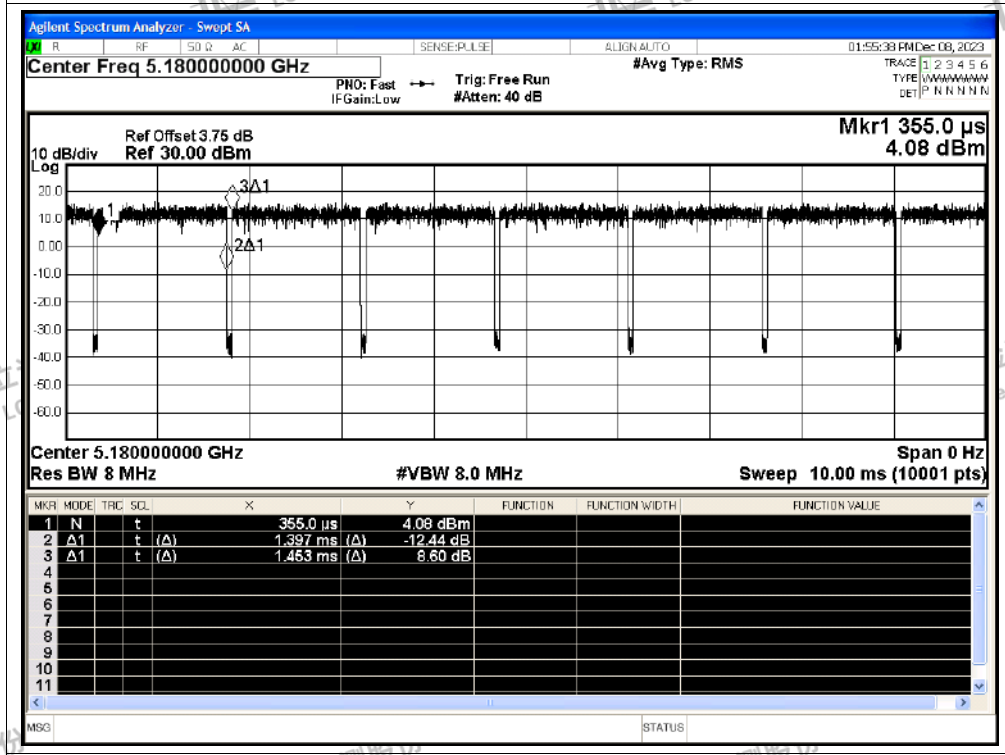
Duty Cycle NVNT ax80 5210MHz Ant0



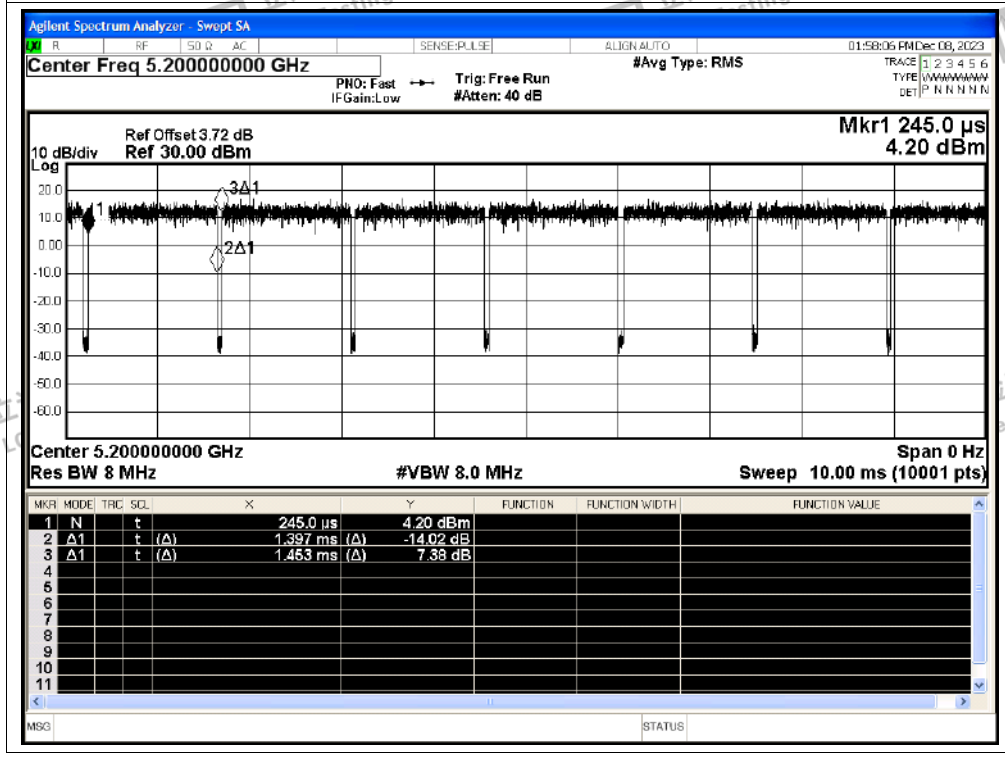
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.15	0.17	0.72
NVNT	a	5200	Ant1	96.15	0.17	0.72
NVNT	a	5240	Ant1	96.01	0.18	0.72
NVNT	n20	5180	Ant1	95.81	0.19	0.77
NVNT	n20	5200	Ant1	95.89	0.18	0.77
NVNT	n20	5240	Ant1	95.81	0.19	0.77
NVNT	n40	5190	Ant1	92.06	0.36	1.54
NVNT	n40	5230	Ant1	91.91	0.37	1.54
NVNT	ac20	5180	Ant1	89.39	0.49	2.08
NVNT	ac20	5200	Ant1	89.39	0.49	2.08
NVNT	ac20	5240	Ant1	89.41	0.49	2.08
NVNT	ac40	5190	Ant1	82.33	0.84	3.83
NVNT	ac40	5230	Ant1	82.02	0.86	3.85
NVNT	ac80	5210	Ant1	72.2	1.41	6.76
NVNT	ax20	5180	Ant1	88.27	0.54	2.33
NVNT	ax20	5200	Ant1	88.48	0.53	2.33
NVNT	ax20	5240	Ant1	88.27	0.54	2.33
NVNT	ax40	5190	Ant1	88.17	0.55	2.35
NVNT	ax40	5230	Ant1	88.17	0.55	2.35
NVNT	ax80	5210	Ant1	87.85	0.56	2.43

Test Graphs

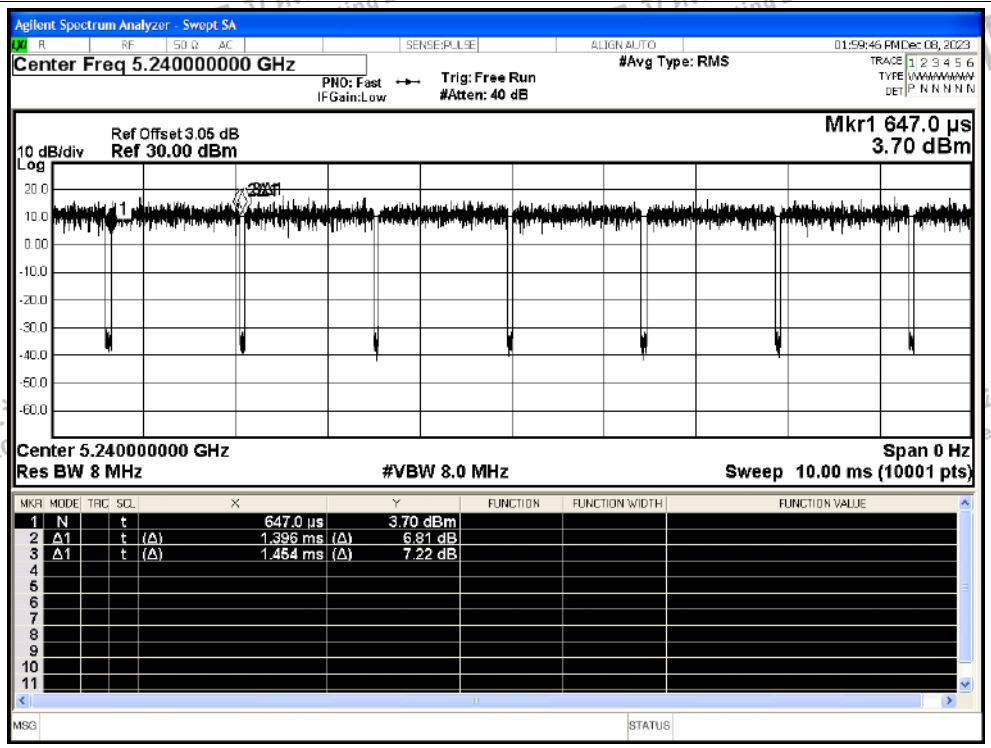
Duty Cycle NVNT a 5180MHz Ant1



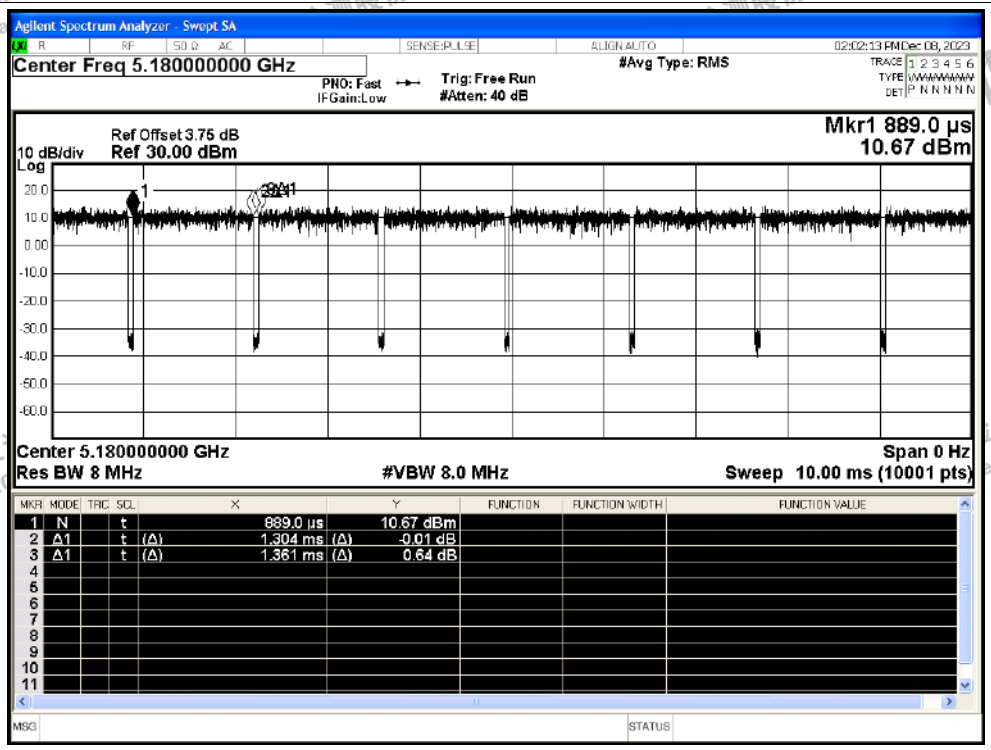
Duty Cycle NVNT a 5200MHz Ant1



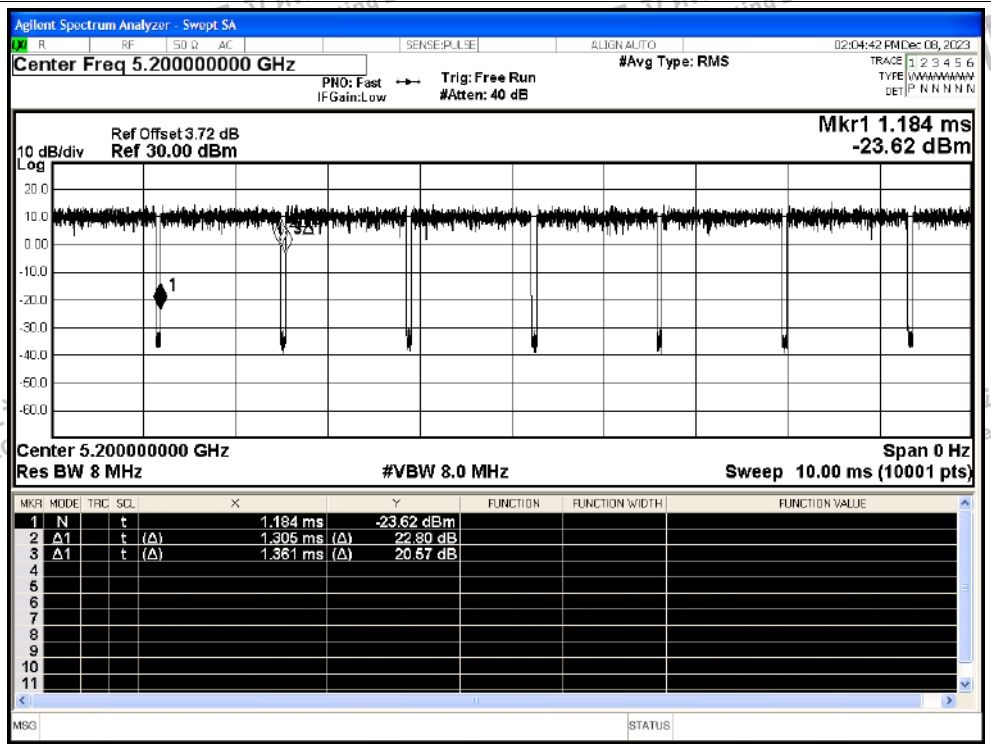
Duty Cycle NVNT a 5240MHz Ant1



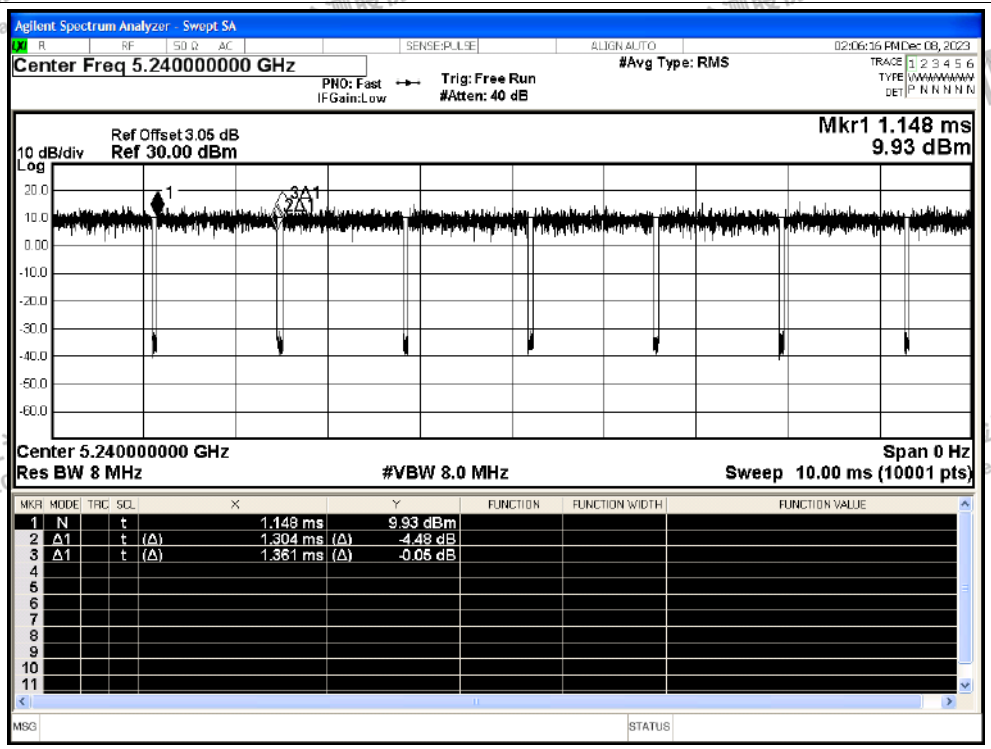
Duty Cycle NVNT n20 5180MHz Ant1



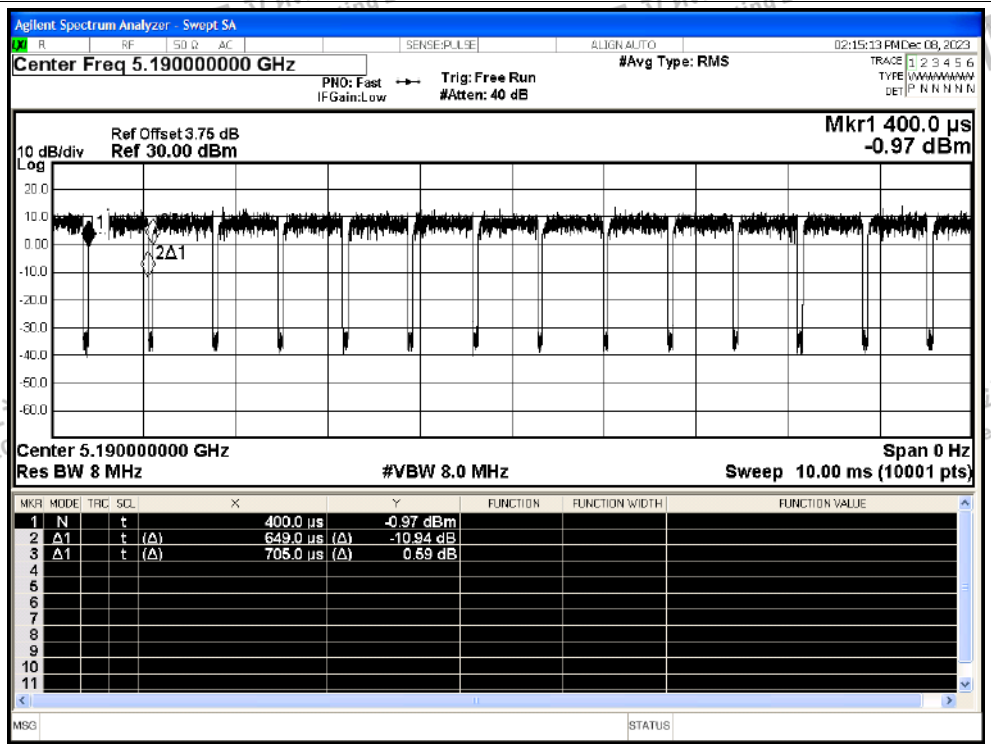
Duty Cycle NVNT n20 5200MHz Ant1



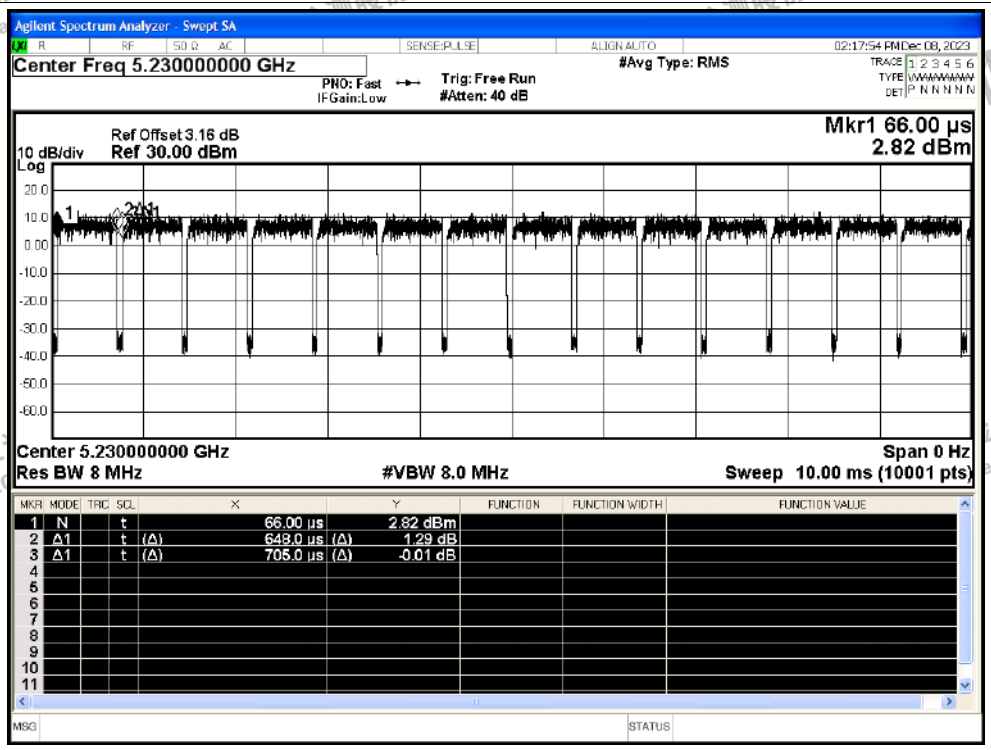
Duty Cycle NVNT n20 5240MHz Ant1



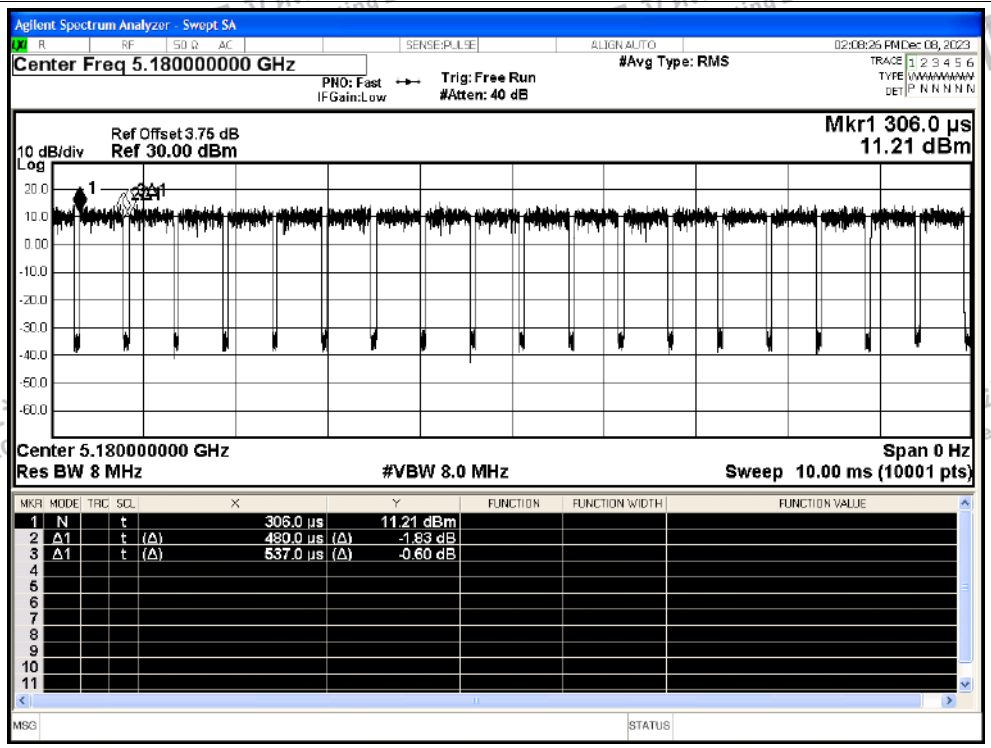
Duty Cycle NVNT n40 5190MHz Ant1



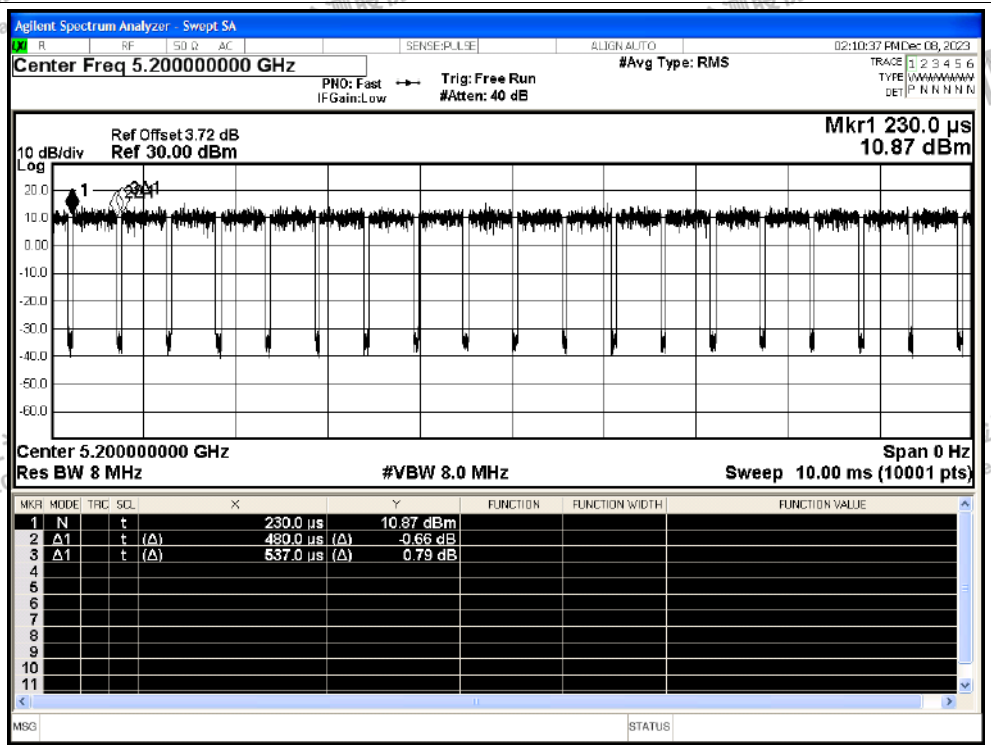
Duty Cycle NVNT n40 5230MHz Ant1



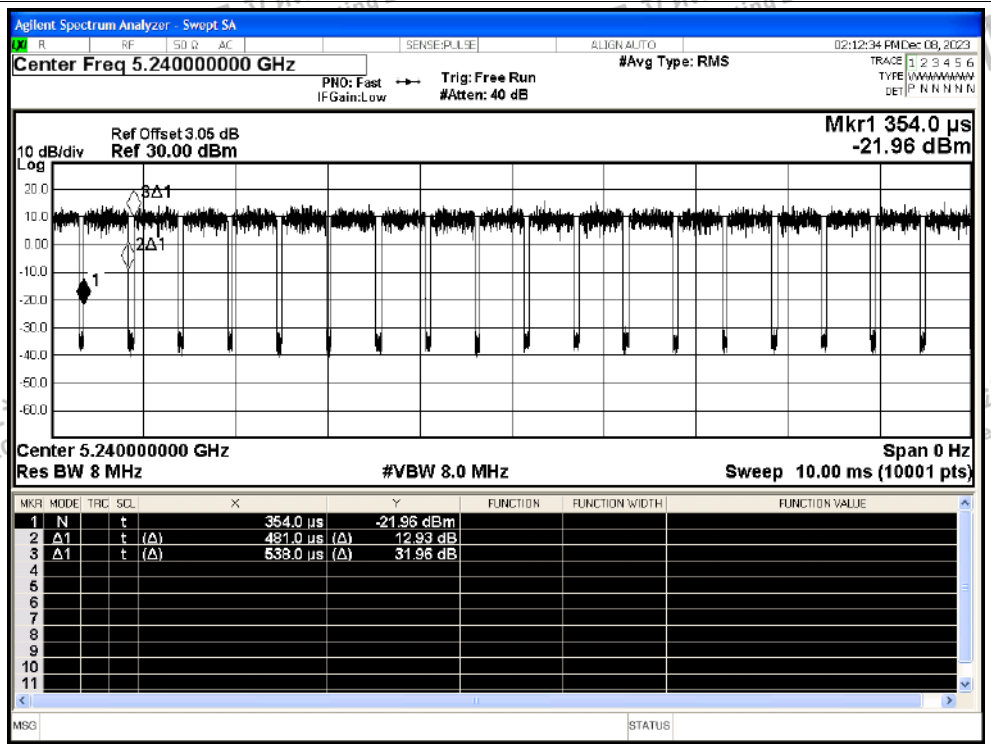
Duty Cycle NVNT ac20 5180MHz Ant1



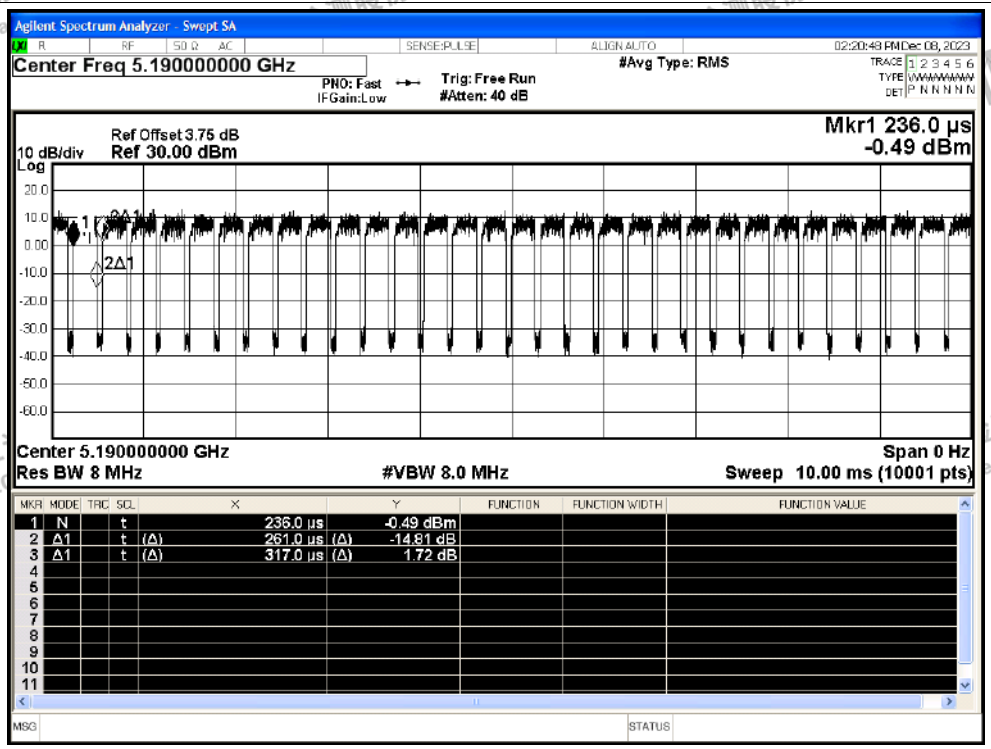
Duty Cycle NVNT ac20 5200MHz Ant1



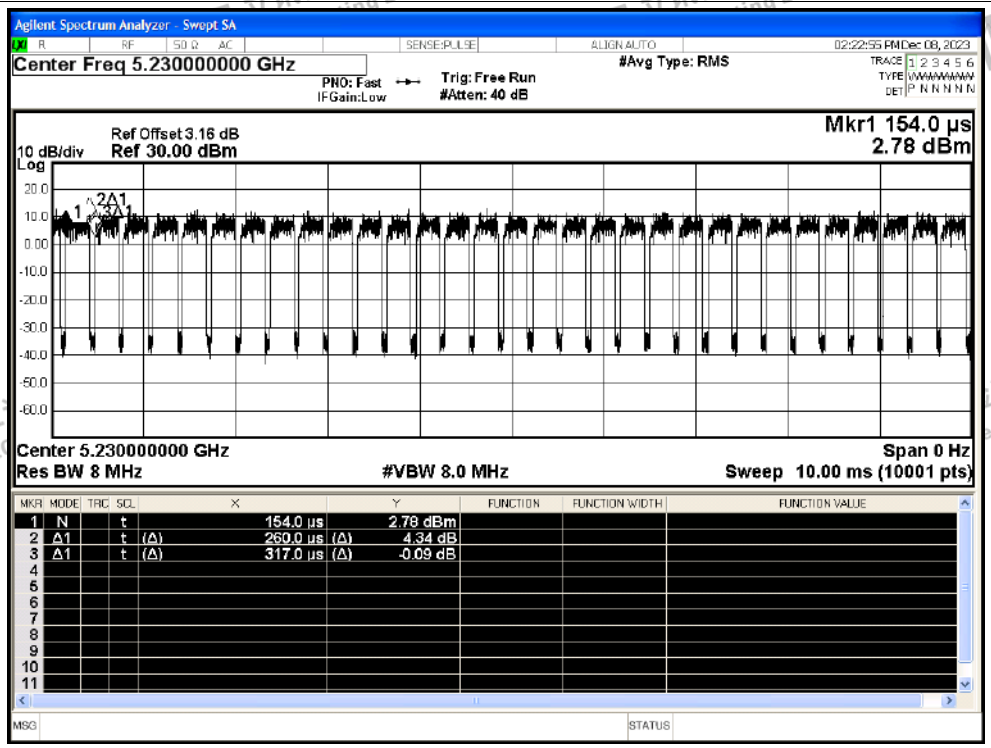
Duty Cycle NVNT ac20 5240MHz Ant1



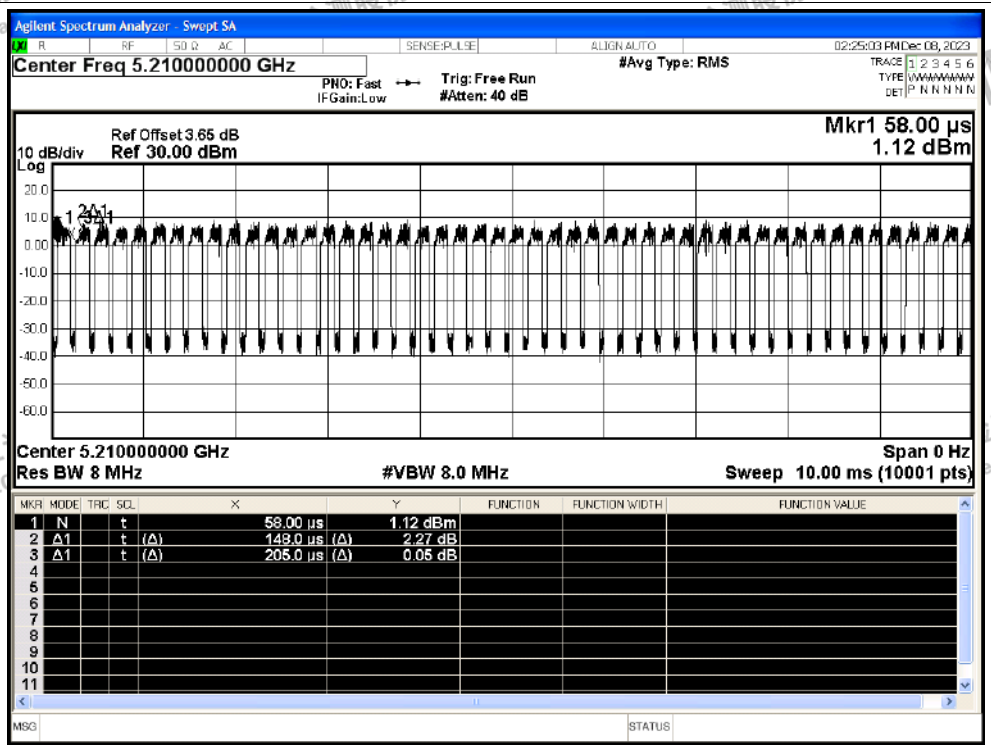
Duty Cycle NVNT ac40 5190MHz Ant1



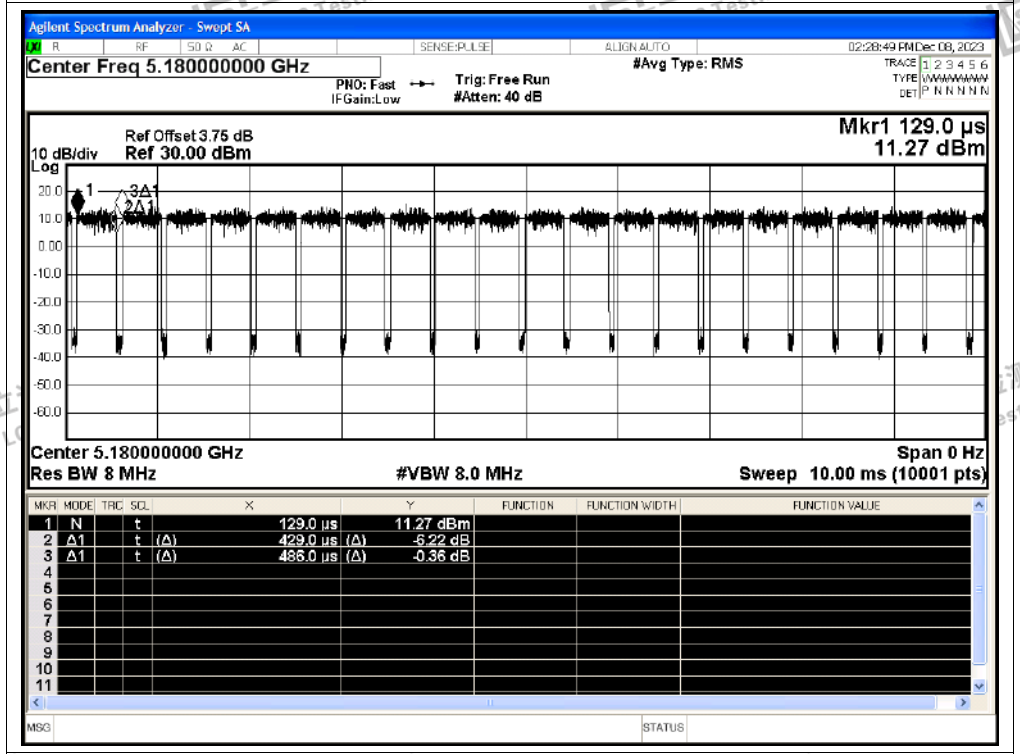
Duty Cycle NVNT ac40 5230MHz Ant1



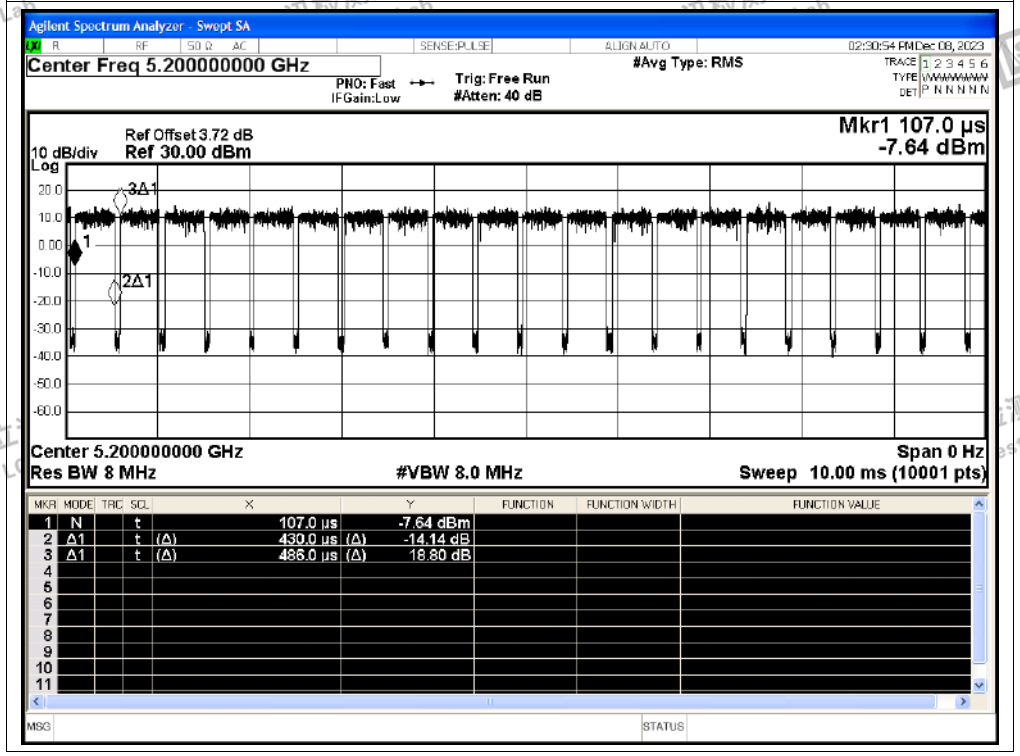
Duty Cycle NVNT ac80 5210MHz Ant1



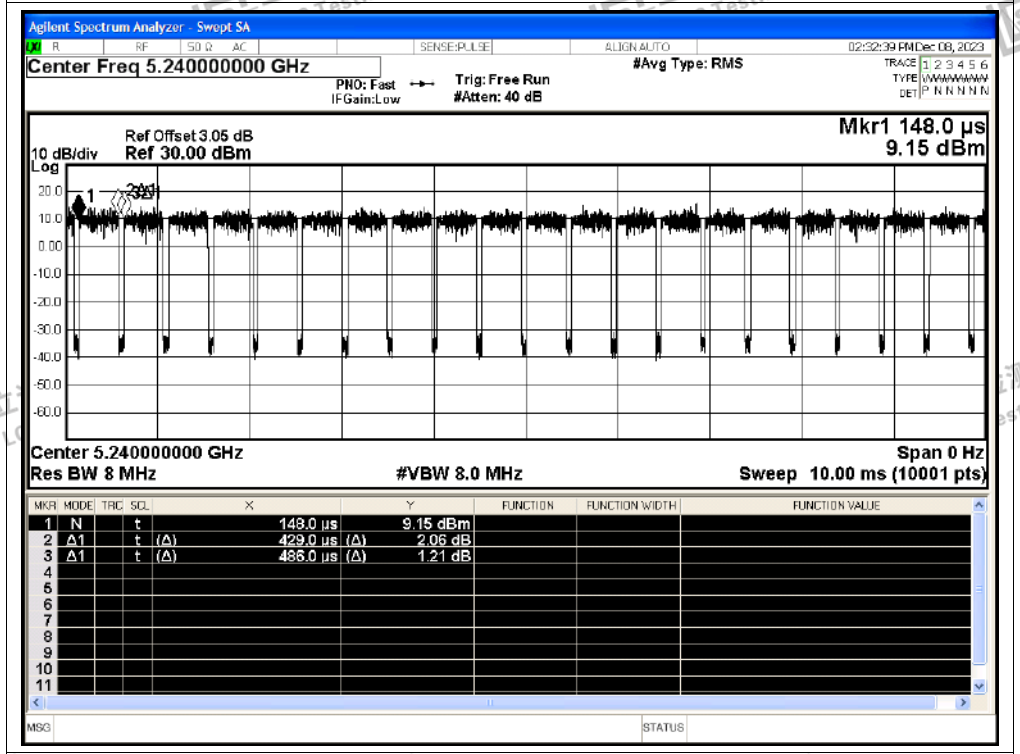
Duty Cycle NVNT ax20 5180MHz Ant1



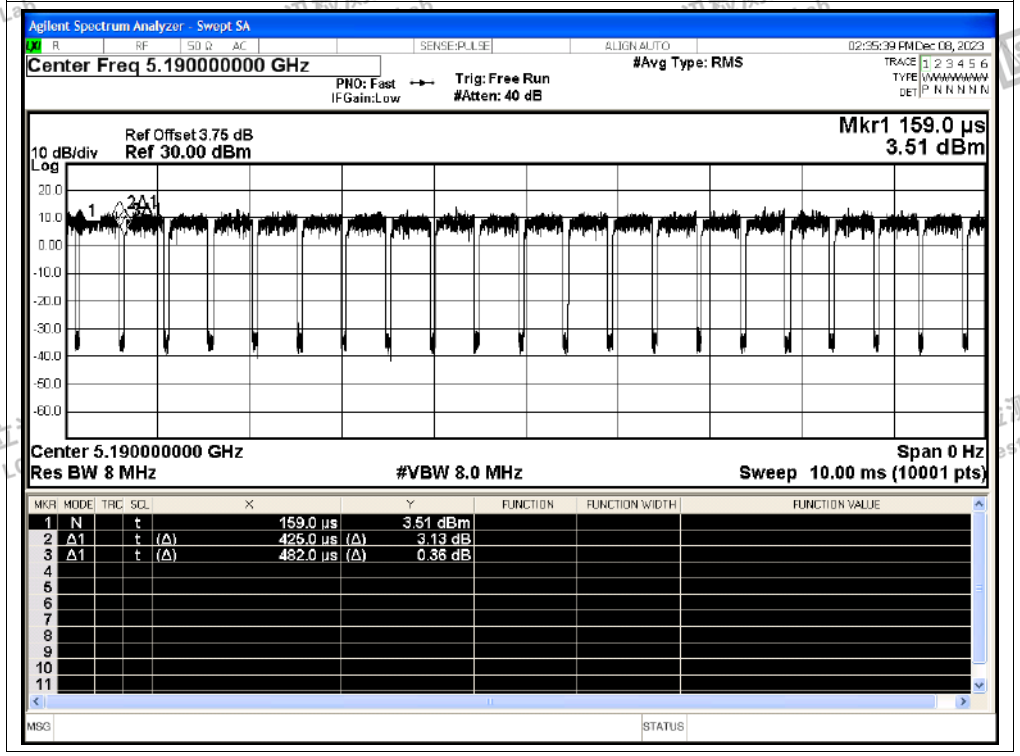
Duty Cycle NVNT ax20 5200MHz Ant1



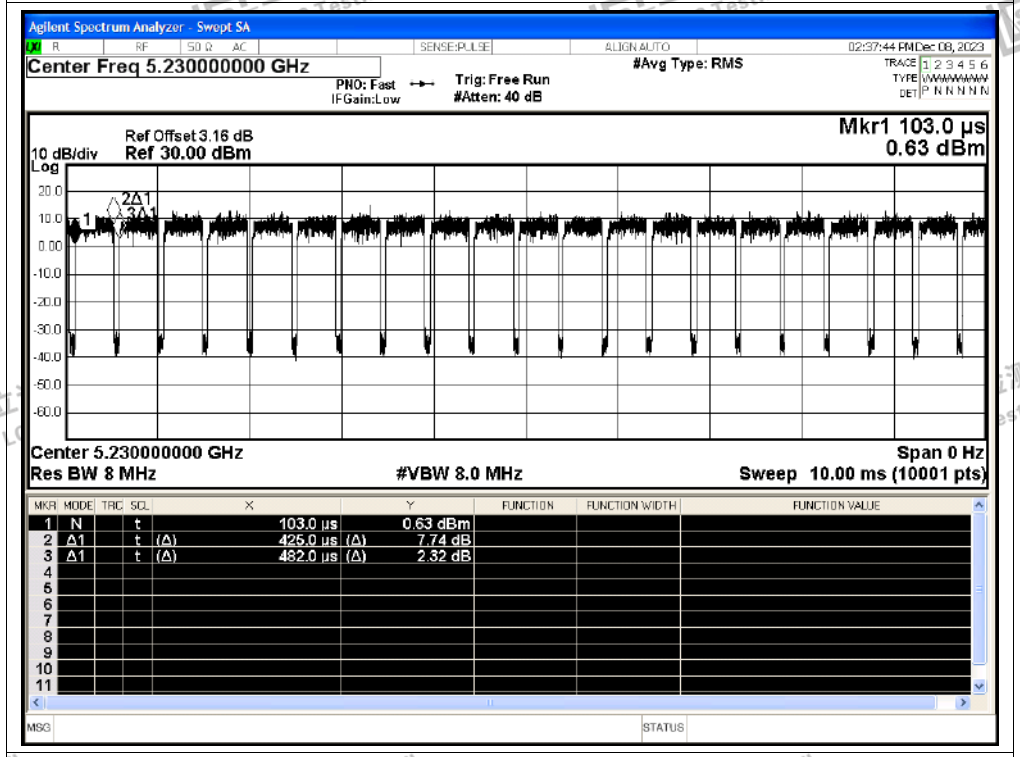
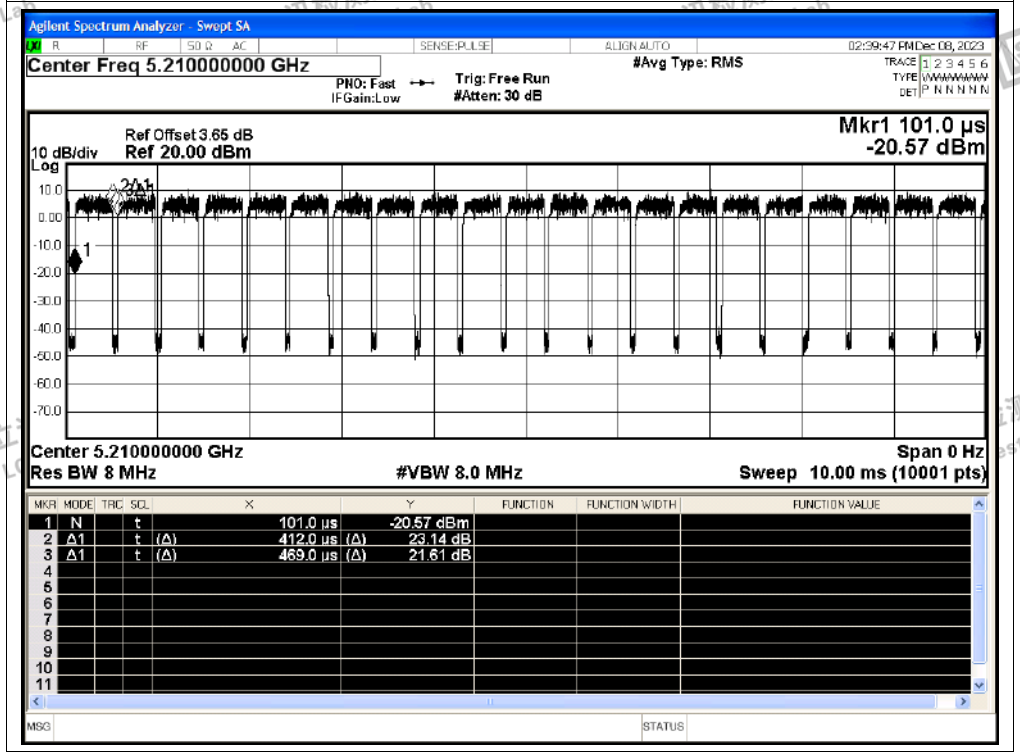
Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant1